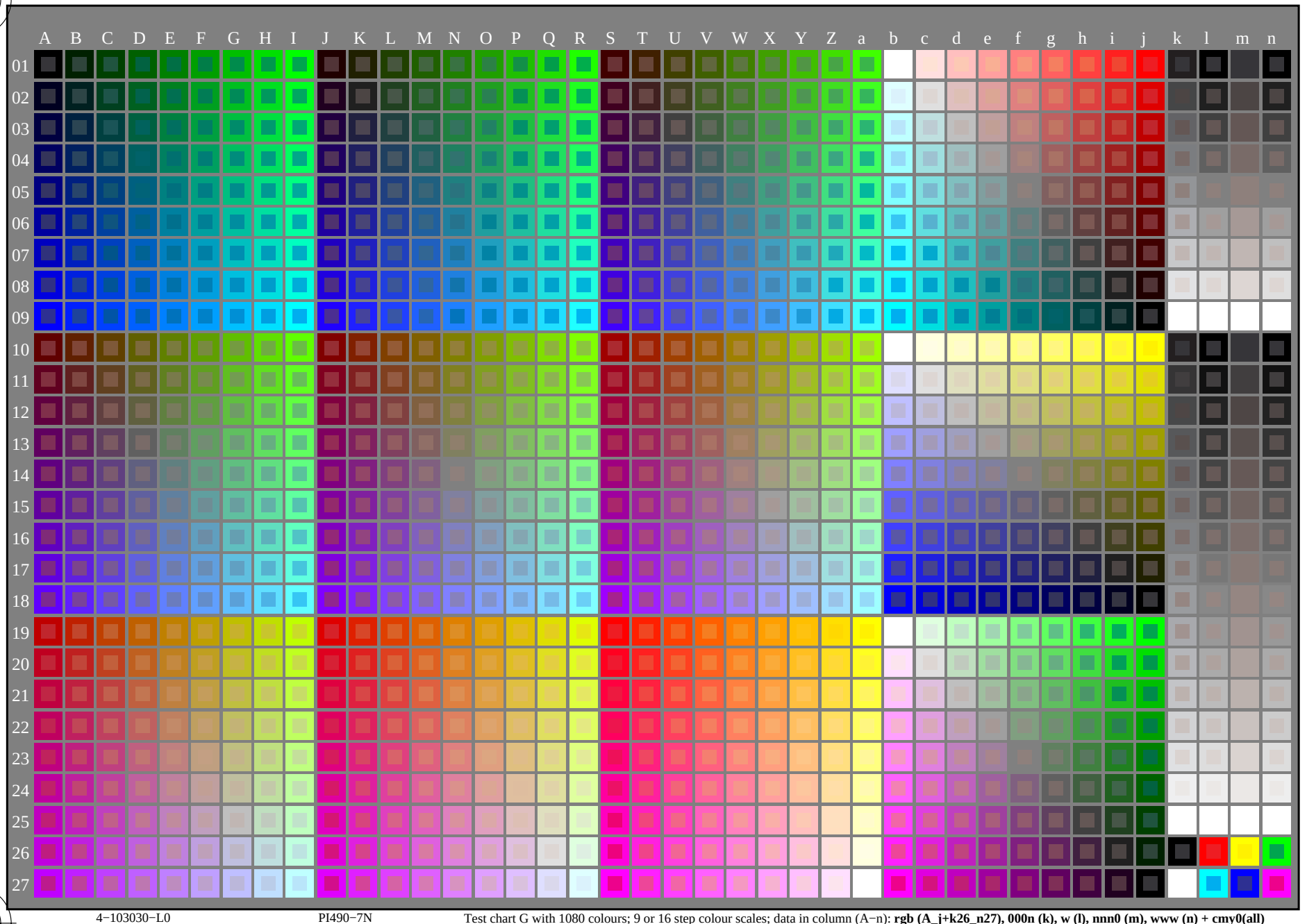
PI49S0P

http://farbe.li.tu-berlin.de/PI49/PI49L0FA.TXT /.PS; inizio dell'output
F: linearizzazione 3D PI49/PI49LI30FA.DAT nel file (F), pagine 1/22

vedi file simili: http://farbe.li.tu-berlin.de/PI49/PI49.HTM
informazioni tecniche: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

iscrizione TUB: 20160501-PI49/PI49L0FA.TXT /.PS
Applicatione per la misura dell'output output della stampante laser

TUB materiale: code=rha4ta

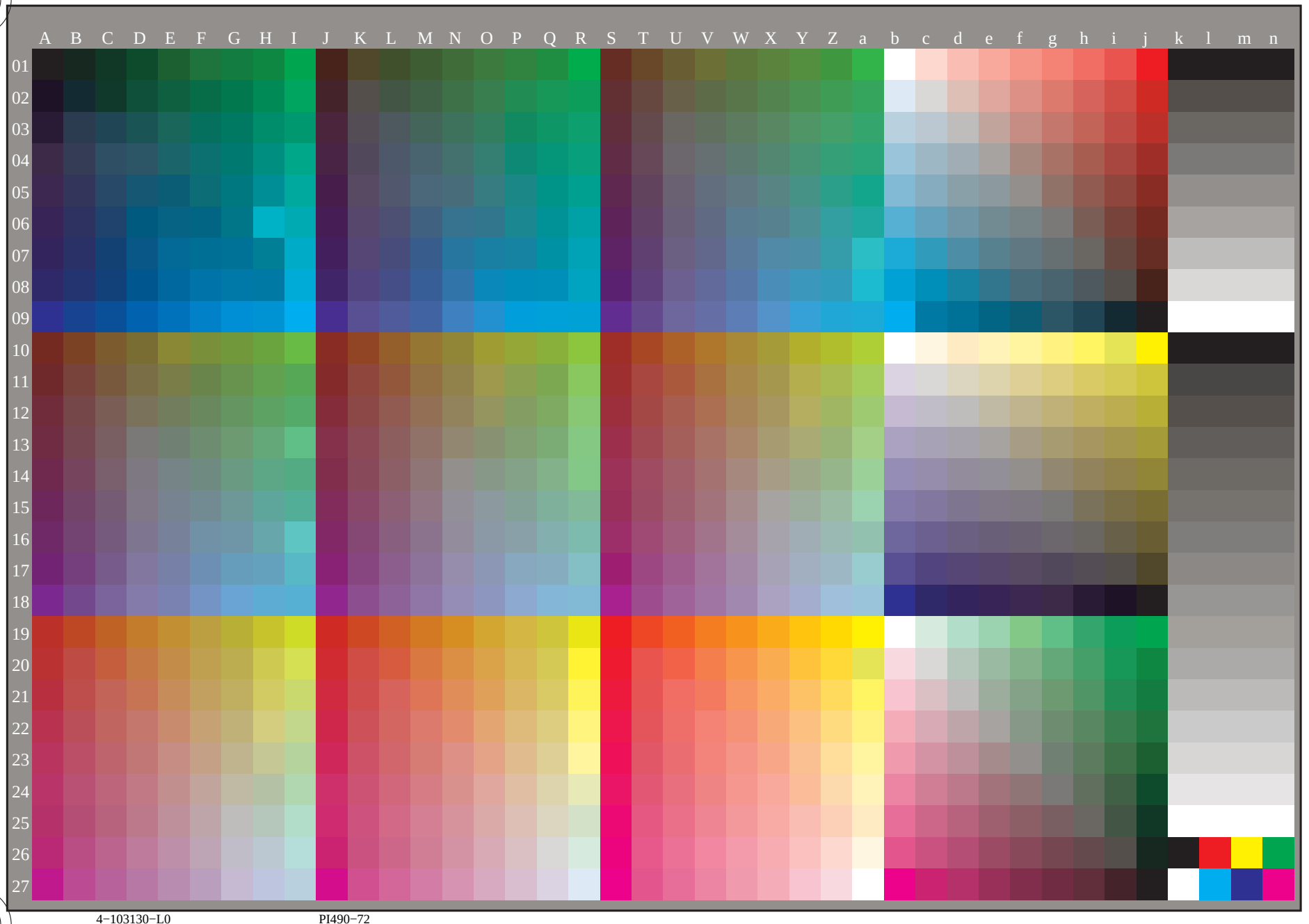


4−103030−L0 PI490−7N Test chart G with 1080 colours; 9 or 16 step colour scales; data in column (A−n): **rgb (A_j+k26_n27), 000n (k), w (l), nnn0 (m), www (n) + cmy0(all)**

Grafico TUB-PI49; grafico per il test
1080 colori di norma; tecnologia di immagine

Input: *rgb/cmyk −> rgb/cmyk*
Output: nessun cambiamento

http://farbe.li.tu-berlin.de/PI49/PI49L0FA.TXT /.PS; linearizzazione 3D
F: linearizzazione 3D PI49/PI49LI30FA.DAT nel file (F), pagine 2/22



vedi file simili: http://farbe.li.tu-berlin.de/PI49/PI49.HTM
informazioni tecniche: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

iscrizione TUB: 20160501-PI49/PI49L0FA.TXT /.PS
Applicatione per la misura dell'output output della stampante laser, separazione cmyn6* (CMYK)

TUB materiale: code=rha4ta

4−103130−L0 PI490−72

Grafico TUB-PI49; grafico per il test
1080 colori di norma, 3D=1, de=0, *cmyk**

Input: *rgb/cmyk* −> rgb_{dd}
Output: 3D-linearizzazione a $cmyk^*_{dd}$

4−103130−F0

iscrizione TUB: 20160501-PI49/PI49L0FA.TXT /.PS
Applicatione per la misura dell'output output della stampante laser, separazione cmyn6* (CMYK)

TUB materiale: code=rha4ta

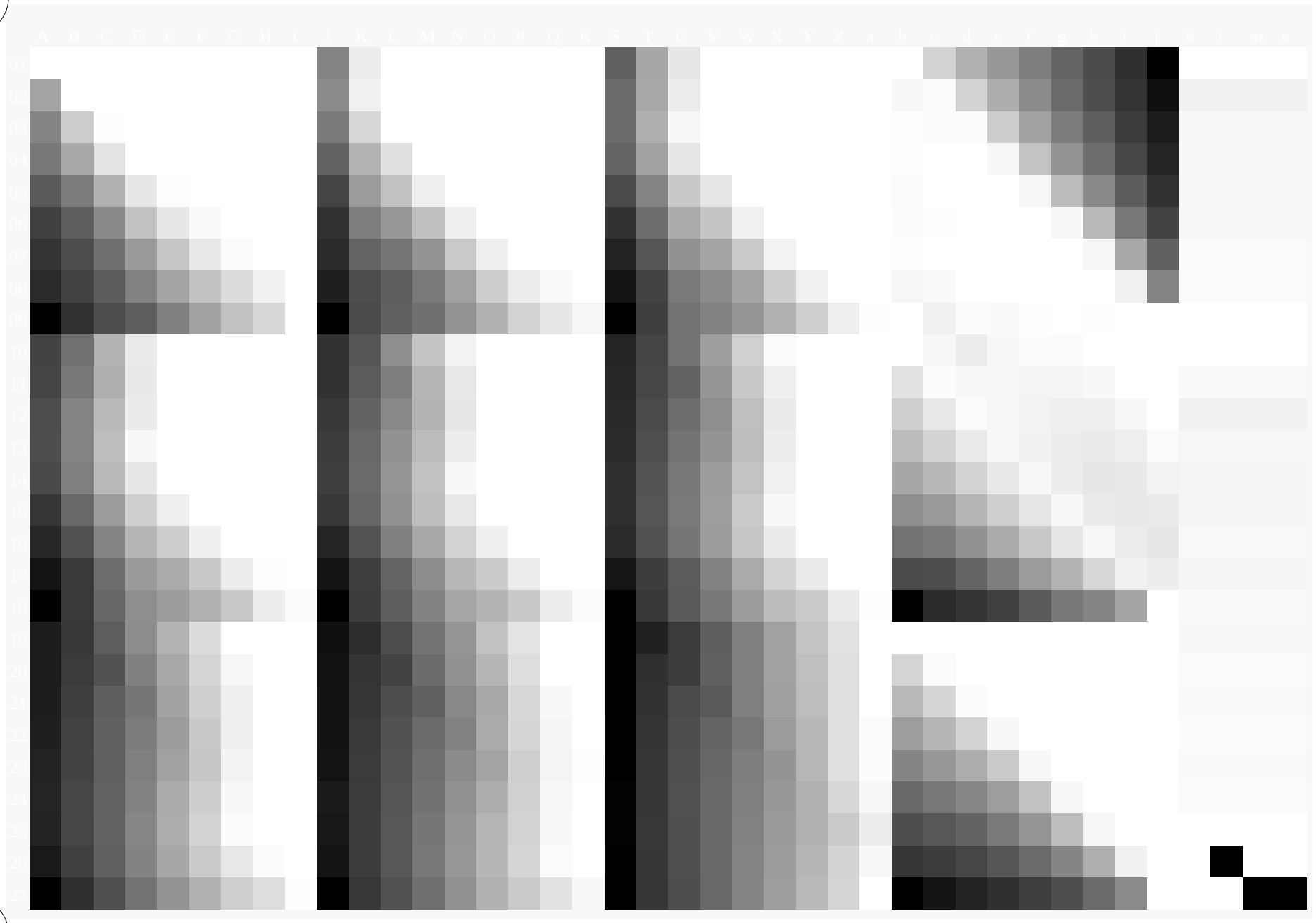
vedi file simili: http://farbe.li.tu-berlin.de/PI49/PI49.HTM
informazioni tecniche: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

4−103230−L0 PI490−72

Grafico TUB-PI49; grafico per il test
1080 colori di norma, 3D=1, de=0, *cmyk**

Input: *rgb/cmyk* −> rgb_{dd}
Output: 3D-linearizzazione a $cmyk^*_{dd}$

4−103230−F0



iscrizione TUB: 20160501-PI49/PI49L0FA.TXT /.PS
Applicatione per la misura dell'output output della stampante laser, separazione cmyn6* (CMYK)

TUB materiale: code=rha4ta

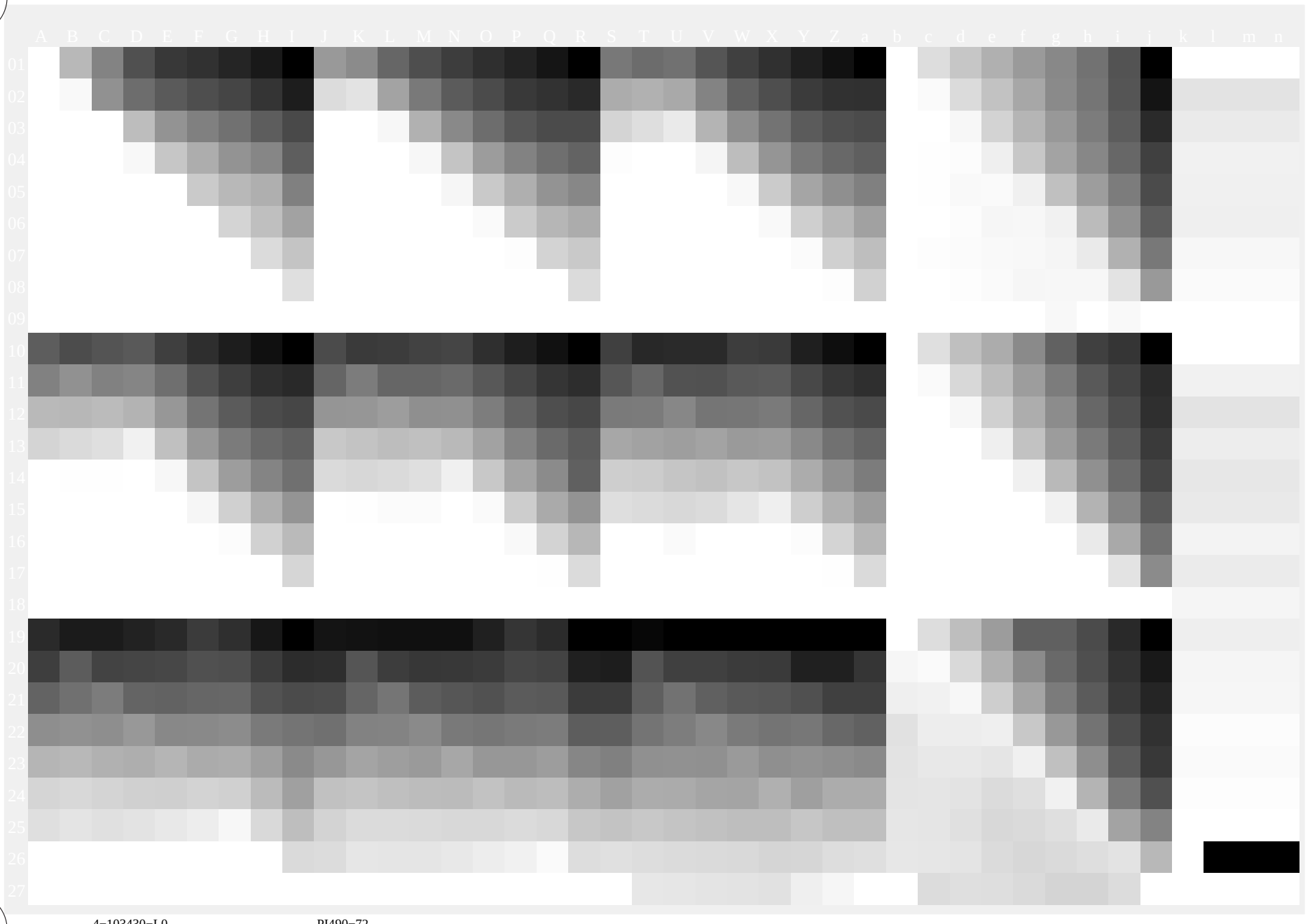
vedi file simili: http://farbe.li.tu-berlin.de/PI49/PI49.HTM
informazioni tecniche: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

4−103330−L0 PI490−72

Grafico TUB-PI49; grafico per il test
1080 colori di norma, 3D=1, de=0, *cmyk**

Input: *rgb/cmyk* −> rgb_{dd}
Output: 3D-linearizzazione a $cmyk^*_{dd}$

4−103330−F0



iscrizione TUB: 20160501-PI49/PI49L0FA.TXT /.PS
Applicatione per la misura dell'output output della stampante laser, separazione cmyn6* (CMYK)

TUB materiale: code=rha4ta

vedi file simili: http://farbe.li.tu-berlin.de/PI49/PI49.HTM
informazioni tecniche: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

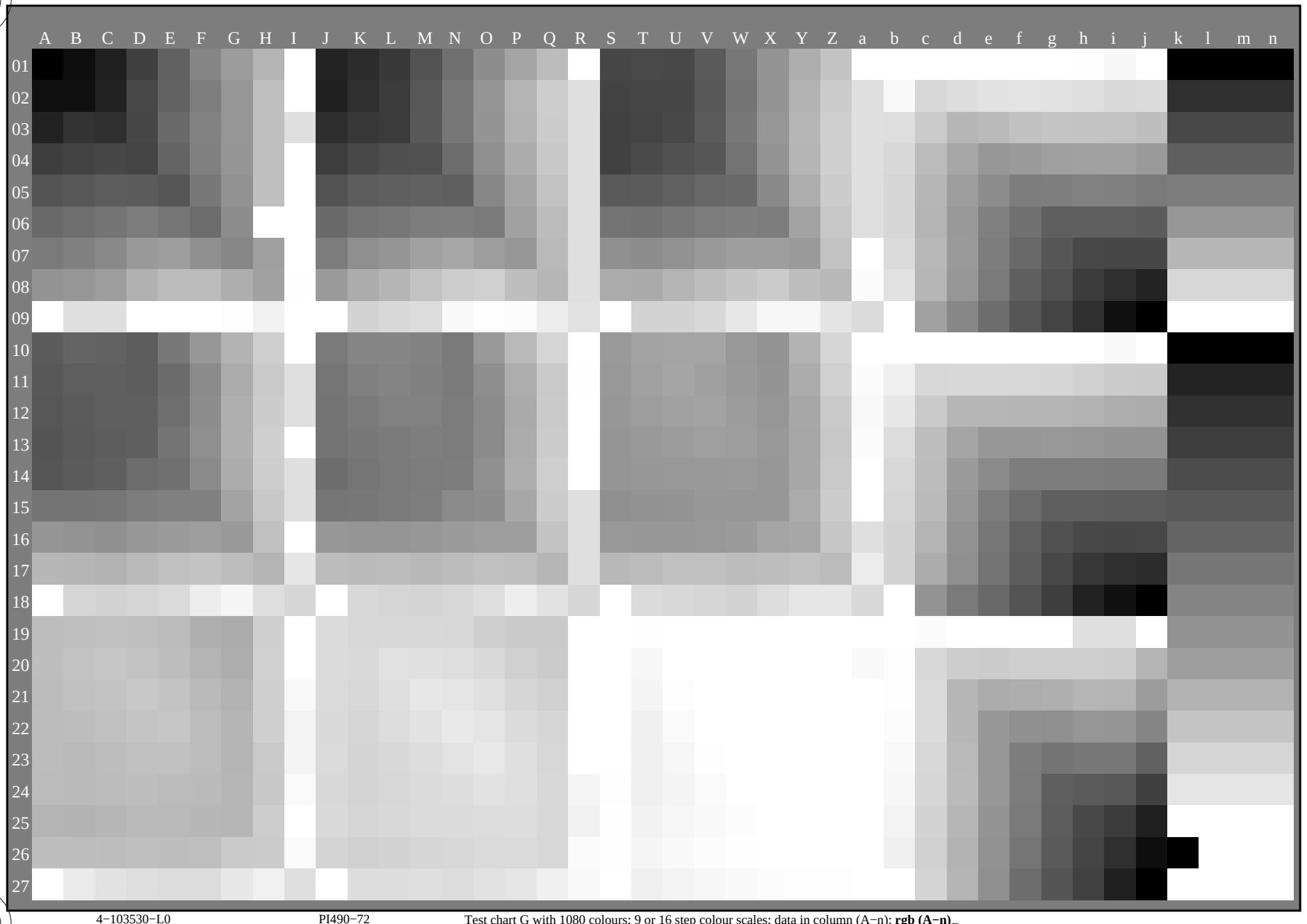
4−103430−L0 PI490−72

Grafico TUB-PI49; grafico per il test
1080 colori di norma, 3D=1, de=0, *cmyk**

Input: *rgb/cmyk* −> rgb_{dd}
Output: 3D-linearizzazione a $cmyk^*_{dd}$

4−103430−F0

http://farbe.li.tu-berlin.de/PI49/PI49L0FA.TXT /.PS; linearizzazione 3D
F: linearizzazione 3D PI49/PI49LI30FA.DAT nel file (F), pagine 6/22



vedi file simili: http://farbe.li.tu-berlin.de/PI49/PI49.HTM
informazioni tecniche: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

iscrizione TUB: 20160501-PI49/PI49L0FA.TXT /.PS
Applicatione per la misura dell'output output della stampante laser, separazione cmyn6* (CMYK)

TUB materiale: code=rha4ta

4−103530−L0 PI490−72 Test chart G with 1080 colours; 9 or 16 step colour scales; data in column (A−n): **rgb (A−n)**

Grafico TUB-PI49; grafico per il test
1080 colori di norma, 3D=1, de=0, *cmyk**

Input: *rgb/cmyk* −> rgb_{dd}
Output: 3D-linearizzazione a $cmyk^*_{dd}$

4−103530−F0

n/j	HIC*$_{Fdd}$	*rgb*$_{Fdd}$			*ict*$_{Fdd}$			$h_{si_F,dd}$	*rgb**$_{Fdd}$			*LabCh**$_{Fdd}$					*cmyn**$_{sep,Fdd}$				$h_{siM,dd}$	*rgb**$_{Mdd}$			*LabCh**$_{Mdd}$				
0/648	R00Y_100_100$_{dd}$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4	0.0	1.0	1.0	0.0	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
1/657	R13Y_100_100$_{dd}$	1.0	0.125	0.0	1.0	1.0	0.5	37	1.0	0.116	0.0	51.6	54.5	48.4	72.9	41.6	0.0	0.873	0.974	0.005	36	1.0	0.116	0.0	51.6	54.5	48.4	72.9	41.6
2/666	R25Y_100_100$_{dd}$	1.0	0.25	0.0	1.0	1.0	0.5	44	1.0	0.233	0.0	57.4	43.5	54.5	69.7	51.4	0.0	0.767	1.0	0.0	42	1.0	0.233	0.0	57.4	43.5	54.5	69.7	51.4
3/675	R38Y_100_100$_{dd}$	1.0	0.375	0.0	1.0	1.0	0.5	52	1.0	0.366	0.0	64.2	30.6	60.1	67.5	63.0	0.0	0.632	0.999	0.0	51	1.0	0.366	0.0	64.2	30.6	60.1	67.5	63.0
4/684	R50Y_100_100$_{dd}$	1.0	0.5	0.0	1.0	1.0	0.5	60	1.0	0.5	0.0	70.5	19.2	66.2	69.0	73.8	0.0	0.5	1.0	0.0	59	1.0	0.5	0.0	70.5	19.2	66.2	69.0	73.8
5/693	R63Y_100_100$_{dd}$	1.0	0.625	0.0	1.0	1.0	0.5	68	1.0	0.633	0.0	75.4	10.6	71.2	72.0	81.5	0.0	0.367	1.0	0.0	68	1.0	0.633	0.0	75.4	10.6	71.2	72.0	81.5
6/702	R75Y_100_100$_{dd}$	1.0	0.75	0.0	1.0	1.0	0.5	76	1.0	0.766	0.0	83.5	−2.9	76.8	76.9	92.2	0.0	0.233	0.999	0.001	77	1.0	0.766	0.0	83.5	−2.9	76.8	76.9	92.2
7/711	R88Y_100_100$_{dd}$	1.0	0.875	0.0	1.0	1.0	0.5	83	1.0	0.883	0.0	87.8	−9.4	76.3	76.9	97.0	0.0	0.117	0.999	0.0	83	1.0	0.883	0.0	87.8	−9.4	76.3	76.9	97.0
8/720	Y00G_100_100$_{dd}$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5	0.0	0.0	1.0	0.0	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
9/639	Y13G_100_100$_{dd}$	0.875	1.0	0.0	1.0	1.0	0.5	97	0.883	1.0	0.0	92.7	−18.0	89.1	90.9	101.4	0.116	0.0	1.0	0.0	96	0.883	1.0	0.0	92.7	−18.0	89.1	90.9	101.4
10/558	Y25G_100_100$_{dd}$	0.75	1.0	0.0	1.0	1.0	0.5	104	0.766	1.0	0.0	90.4	−20.9	86.5	89.0	103.6	0.234	0.0	1.0	0.0	102	0.766	1.0	0.0	90.4	−20.9	86.5	89.0	103.6
11/477	Y38G_100_100$_{dd}$	0.625	1.0	0.0	1.0	1.0	0.5	112	0.633	1.0	0.0	80.5	−31.2	69.2	75.9	114.2	0.367	0.0	1.0	0.0	111	0.633	1.0	0.0	80.5	−31.2	69.2	75.9	114.2
12/396	Y50G_100_100$_{dd}$	0.5	1.0	0.0	1.0	1.0	0.5	120	0.5	1.0	0.0	70.9	−41.7	54.8	68.9	127.3	0.5	0.0	1.0	0.0	119	0.5	1.0	0.0	70.9	−41.7	54.8	68.9	127.3
13/315	Y63G_100_100$_{dd}$	0.375	1.0	0.0	1.0	1.0	0.5	128	0.366	1.0	0.0	66.1	−48.2	47.5	67.7	135.3	0.632	0.0	1.0	0.0	128	0.366	1.0	0.0	66.1	−48.2	47.5	67.7	135.3
14/234	Y75G_100_100$_{dd}$	0.25	1.0	0.0	1.0	1.0	0.5	136	0.233	1.0	0.0	60.1	−57.9	39.6	70.2	145.5	0.763	0.0	1.0	0.0	137	0.233	1.0	0.0	60.1	−57.9	39.6	70.2	145.5
15/153	Y88G_100_100$_{dd}$	0.125	1.0	0.0	1.0	1.0	0.5	143	0.116	1.0	0.0	56.8	−62.5	34.1	71.3	151.3	0.881	0.0	0.999	0.0	143	0.116	1.0	0.0	56.8	−62.5	34.1	71.3	151.3
16/72	G00C_100_100$_{dd}$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5	1.0	0.0	1.0	0.0	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
17/73	G13C_100_100$_{dd}$	0.0	1.0	0.125	1.0	1.0	0.5	157	0.0	1.0	0.116	53.8	−66.5	23.5	70.5	160.5	1.0	0.0	0.884	0.0	156	0.0	1.0	0.116	53.8	−66.5	23.5	70.5	160.5
18/74	G25C_100_100$_{dd}$	0.0	1.0	0.25	1.0	1.0	0.5	164	0.0	1.0	0.233	53.7	−63.6	14.1	65.2	167.4	0.947	0.0	0.713	0.125	162	0.0	1.0	0.233	53.7	−63.6	14.1	65.2	167.4
19/75	G38C_100_100$_{dd}$	0.0	1.0	0.375	1.0	1.0	0.5	172	0.0	1.0	0.366	54.7	−57.3	0.8	57.3	179.1	1.0	0.0	0.632	0.0	171	0.0	1.0	0.366	54.7	−57.3	0.8	57.3	179.1
20/76	G50C_100_100$_{dd}$	0.0	1.0	0.5	1.0	1.0	0.5	180	0.0	1.0	0.5	55.0	−51.4	−8.9	52.2	189.8	1.0	0.0	0.5	0.0	180	0.0	1.0	0.5	55.0	−51.4	−8.9	52.2	189.8
21/77	G63C_100_100$_{dd}$	0.0	1.0	0.625	1.0	1.0	0.5	188	0.0	1.0	0.633	55.3	−43.8	−20.5	48.4	205.1	1.0	0.0	0.364	0.0	188	0.0	1.0	0.633	55.3	−43.8	−20.5	48.4	205.1
22/78	G75C_100_100$_{dd}$	0.0	1.0	0.75	1.0	1.0	0.5	196	0.0	1.0	0.766	55.1	−39.2	−27.9	48.1	215.4	1.0	0.0	0.229	0.0	197	0.0	1.0	0.766	55.1	−39.2	−27.9	48.1	215.4
23/79	G88C_100_100$_{dd}$	0.0	1.0	0.875	1.0	1.0	0.5	203	0.0	1.0	0.883	54.3	−36.4	−33.7	49.6	222.8	0.999	0.0	0.123	0.001	203	0.0	1.0	0.883	54.3	−36.4	−33.7	49.6	222.8
24/80	C00B_100_100$_{dd}$	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1	0.999	0.0	0.0	0.0	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1
25/71	C13B_100_100$_{dd}$	0.0	0.875	1.0	1.0	1.0	0.5	217	0.0	0.883	1.0	53.1	−28.1	−44.6	52.7	237.7	0.986	0.155	0.0	0.052	216	0.0	0.883	1.0	53.1	−28.1	−44.6	52.7	237.7
26/62	C25B_100_100$_{dd}$	0.0	0.75	1.0	1.0	1.0	0.5	224	0.0	0.766	1.0	52.9	−26.2	−47.2	53.9	240.9	0.997	0.243	0.0	0.009	222	0.0	0.766	1.0	52.9	−26.2	−47.2	53.9	240.9
27/53	C38B_100_100$_{dd}$	0.0	0.625	1.0	1.0	1.0	0.5	232	0.0	0.633	1.0	50.7	−21.1	−49.4	53.7	246.8	1.0	0.367	0.0	0.0	231	0.0	0.633	1.0	50.7	−21.1	−49.4	53.7	246.8
28/44	C50B_100_100$_{dd}$	0.0	0.5	1.0	1.0	1.0	0.5	240	0.0	0.5	1.0	46.1	−13.3	−49.4	51.1	254.9	1.0	0.5	0.0	0.0	240	0.0	0.5	1.0	46.1	−13.3	−49.4	51.1	254.9
29/35	C63B_100_100$_{dd}$	0.0	0.375	1.0	1.0	1.0	0.5	248	0.0	0.366	1.0	41.1	−5.7	−49.2	49.6	263.3	0.999	0.63	0.0	0.0	248	0.0	0.366	1.0	41.1	−5.7	−49.2	49.6	263.3
30/26	C75B_100_100$_{dd}$	0.0	0.25	1.0	1.0	1.0	0.5	256	0.0	0.233	1.0	36.6	3.2	−48.3	48.4	273.8	0.978	0.699	0.0	0.125	257	0.0	0.233	1.0	36.6	3.2	−48.3	48.4	273.8
31/17	C88B_100_100$_{dd}$	0.0	0.125	1.0	1.0	1.0	0.5	263	0.0	0.116	1.0	34.9	9.9	−46.3	47.3	282.0	0.964	0.805	0.0	0.125	263	0.0	0.116	1.0	34.9	9.9	−46.3	47.3	282.0
32/8	B00M_100_100$_{dd}$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8	1.0	1.0	0.0	0.0	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
33/89	B13M_100_100$_{dd}$	0.125	0.0	1.0	1.0	1.0	0.5	277	0.116	0.0	1.0	31.6	23.1	−42.4	48.3	298.6	0.882	1.0	0.0	0.0	276	0.116	0.0	1.0	31.6	23.1	−42.4	48.3	298.6
34/170	B25M_100_100$_{dd}$	0.25	0.0	1.0	1.0	1.0	0.5	284	0.233	0.0	1.0	31.1	29.6	−39.8	49.6	306.6	0.763	0.998	0.0	0.0	282	0.233	0.0	1.0	31.1	29.6	−39.8	49.6	306.6
35/251	B38M_100_100$_{dd}$	0.375	0.0	1.0	1.0	1.0	0.5	292	0.366	0.0	1.0	34.0	37.7	−35.3	51.7	316.8	0.631	1.0	0.0	0.0	291	0.366	0.0	1.0	34.0	37.7	−35.3	51.7	316.8
36/332	B50M_100_100$_{dd}$	0.5	0.0	1.0	1.0	1.0	0.5	300	0.5	0.0	1.0	37.2	43.1	−30.8	53.0	324.4	0.498	0.999	0.0	0.0	300	0.5	0.0	1.0	37.2	43.1	−30.8	53.0	324.4
37/413	B63M_100_100$_{dd}$	0.625	0.0	1.0	1.0	1.0	0.5	308	0.633	0.0	1.0	39.2	48.9	−26.9	55.8	331.1	0.367	1.0	0.0	0.0	308	0.633	0.0	1.0	39.2	48.9	−26.9	55.8	331.1
38/494	B75M_100_100$_{dd}$	0.75	0.0	1.0	1.0	1.0	0.5	316	0.766	0.0	1.0	42.4	55.8	−20.9	59.6	339.4	0.234	0.999	0.0	0.0	317	0.766	0.0	1.0	42.4	55.8	−20.9	59.6	339.4
39/575	B88M_100_100$_{dd}$	0.875	0.0	1.0	1.0	1.0	0.5	323	0.883	0.0	1.0	45.8	60.5	−17.0	62.8	344.2	0.116	0.999	0.0	0.0	323	0.883	0.0	1.0	45.8	60.5	−17.0	62.8	344.2
40/656	M00R_100_100$_{dd}$	1.0	0.0	1.0	1.0	1.0	0.5	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9	0.0	1.0	0.0	0.0	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
41/655	M13R_100_100$_{dd}$	1.0	0.0	0.875	1.0	1.0	0.5	337	1.0	0.0	0.883	49.4	66.1	−10.9	67.0	350.6	0.0	0.998	0.12	0.002	336	1.0	0.0	0.883	49.4	66.1	−10.9	67.0	350.6
42/654	M25R_100_100$_{dd}$	1.0	0.0	0.75	1.0	1.0	0.5	344	1.0	0.0	0.766	49.3	64.7	−7.1	65.1	353.7	0.0	0.99	0.235	0.004	342	1.0	0.0	0.766	49.3	64.7	−7.1	65.1	353.7
43/653	M38R_100_100$_{dd}$	1.0	0.0	0.625	1.0	1.0	0.5	352	1.0	0.0	0.633	48.0	62.0	1.5	62.0	1.4	0.0	0.987	0.367	0.007	351	1.0	0.0	0.633	48.0	62.0	1.5	62.0	1.4
44/652	M50R_100_100$_{dd}$	1.0	0.0	0.5	1.0	1.0	0.5	360	1.0	0.0	0.5	47.8	58.9	10.4	59.9	10.0	0.0	1.0	0.5	0.0	360	1.0	0.0	0.5	47.8	58.9	10.4	59.9	10.0
45/651	M63R_100_100$_{dd}$	1.0	0.0	0.375	1.0	1.0	0.5	368	1.0	0.0	0.366	47.4	56.8	20.0	60.2	19.4	0.0	0.998	0.631	0.0	368	1.0	0.0	0.366	47.4	56.8	20.0	60.2	19.4
46/650	M75R_100_100$_{dd}$	1.0	0.0	0.25	1.0	1.0	0.5	376	1.0	0.0	0.233	47.5	56.0	28.4	62.8	26.9	0.0	1.0	0.766	0.0	377	1.0	0.0	0.233	47.5	56.0	28.4	62.8	26.9
47/649	M88R_100_100$_{dd}$	1.0	0.0	0.125	1.0	1.0	0.5	383	1.0	0.0	0.116	47.6	56.4	34.5	66.1	31.4	0.0	1.0	0.886	0.0	383	1.0	0.0	0.116	47.6	56.4	34.5	66.1	31.4
48/648	R00Y_100_100$_{dd}$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4	0.0	1.0	1.0	0.0	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
49/0	NW_000$_{dd}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	23.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
50/91	NW_013$_{dd}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	32.8	0.0	0.0	0.0	0.0	0.0	0.054	0.11	0.815	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
51/182	NW_025$_{dd}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	41.8	0.0	0.0	0.0	0.0	0.0	0.032	0.082	0.716	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
52/273	NW_038$_{dd}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	50.8	0.0	0.0	0.0	0.0	0.0	0.026	0.052	0.629	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
53/364	NW_050$_{dd}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	59.8	0.0	0.0	0.0	0.0	0.0	0.029	0.059	0.51	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
54/455	NW_063$_{dd}$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	68.8	0.0	0.0	0.0	0.0	0.0	0.028	0.063	0.409	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
55/546	NW_075$_{dd}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	77.8	0.0	0.0	0.0	0.0	0.0	0.015	0.029	0.286	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
56/637	NW_088$_{dd}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.8	0.0	0.0	0.0	0.0	0.0	0.017	0.018	0.158	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
57/728	NW_100$_{dd}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0

delta

4−103630−F0 PI490−7N, 7/22−F

Grafico TUB-PI49; grafico per il test colori e la differenza, $\Delta E'$*, 3D=1, de=0, *cmyk**

Input: *rgb/cmyk* −> *rgb*$_{dd}$
Output: 3D-linearizzazione a *cmyk**$_{dd}$

vedi file simili: http://farbe.li.tu-berlin.de/PI49/PI49.HTM
informazioni tecniche: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

iscrizione TUB: 20160501-PI49/PI49L0FA.TXT /.PS
Applicatione per la misura dell'output output della stampante laser, separazione cmyn6* (CMYK)
TUB materiale: code=rha4ta

n/j	**HIC*$_{Fdd}$**	*rgb*$_{Fdd}$			*ict*$_{Fdd}$			h_{si_Fdd}	*rgb**$_{Fdd}$			*LabCh**$_{Fdd}$					*cmyn**$_{sep,Fdd}$				$h_{siM,dd}$	*rgb**$_{Mdd}$			*LabCh**$_{Mdd}$				
0/648	R00Y_100_100$_{dd}$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4	0.0	1.0	1.0	0.0	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
1/666	R25Y_100_100$_{dd}$	1.0	0.25	0.0	1.0	1.0	0.5	44	1.0	0.233	0.0	57.4	43.5	54.5	69.7	51.4	0.0	0.767	1.0	0.0	42	1.0	0.233	0.0	57.4	43.5	54.5	69.7	51.4
2/684	R50Y_100_100$_{dd}$	1.0	0.5	0.0	1.0	1.0	0.5	60	1.0	0.5	0.0	70.5	19.2	66.2	69.0	73.8	0.0	0.5	1.0	0.0	59	1.0	0.5	0.0	70.5	19.2	66.2	69.0	73.8
3/702	R75Y_100_100$_{dd}$	1.0	0.75	0.0	1.0	1.0	0.5	76	1.0	0.766	0.0	83.5	−2.9	76.8	76.9	92.2	0.0	0.233	0.999	0.001	77	1.0	0.766	0.0	83.5	−2.9	76.8	76.9	92.2
4/720	Y00G_100_100$_{dd}$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5	0.0	0.0	1.0	0.0	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
5/558	Y25G_100_100$_{dd}$	0.75	1.0	0.0	1.0	1.0	0.5	104	0.766	1.0	0.0	90.4	−20.9	86.5	89.0	103.6	0.234	0.0	1.0	0.0	102	0.766	1.0	0.0	90.4	−20.9	86.5	89.0	103.6
6/396	Y50G_100_100$_{dd}$	0.5	1.0	0.0	1.0	1.0	0.5	120	0.5	1.0	0.0	70.9	−41.7	54.8	68.9	127.3	0.5	0.0	1.0	0.0	119	0.5	1.0	0.0	70.9	−41.7	54.8	68.9	127.3
7/234	Y75G_100_100$_{dd}$	0.25	1.0	0.0	1.0	1.0	0.5	136	0.233	1.0	0.0	60.1	−57.9	39.6	70.2	145.5	0.763	0.0	1.0	0.0	137	0.233	1.0	0.0	60.1	−57.9	39.6	70.2	145.5
8/72	G00B_100_100$_{dd}$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5	1.0	0.0	1.0	0.0	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
9/72	G00B_100_100$_{dd}$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5	1.0	0.0	1.0	0.0	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
10/76	G25B_100_100$_{dd}$	0.0	1.0	0.5	1.0	1.0	0.5	180	0.0	1.0	0.5	55.0	−51.4	−8.9	52.2	189.8	1.0	0.0	0.0	0.0	180	0.0	1.0	0.5	55.0	−51.4	−8.9	52.2	189.8
11/80	G50B_100_100$_{dd}$	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1	0.999	0.0	0.0	0.0	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1
12/44	G75B_100_100$_{dd}$	0.0	0.5	1.0	1.0	1.0	0.5	240	0.0	0.5	1.0	46.1	−13.3	−49.4	51.1	254.9	1.0	0.5	0.0	0.0	240	0.0	0.5	1.0	46.1	−13.3	−49.4	51.1	254.9
13/8	B00M_100_100$_{dd}$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8	1.0	1.0	0.0	0.0	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
14/332	B25R_100_100$_{dd}$	0.5	0.0	1.0	1.0	1.0	0.5	300	0.5	0.0	1.0	37.2	43.1	−30.8	53.0	324.4	0.498	0.999	0.0	0.0	300	0.5	0.0	1.0	37.2	43.1	−30.8	53.0	324.4
15/656	B50R_100_100$_{dd}$	1.0	0.0	1.0	1.0	1.0	0.5	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9	0.0	1.0	0.0	0.0	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
16/652	B75R_100_100$_{dd}$	1.0	0.0	0.5	1.0	1.0	0.5	360	1.0	0.0	0.5	47.8	58.9	10.4	59.9	10.0	0.0	1.0	0.5	0.0	360	1.0	0.0	0.5	47.8	58.9	10.4	59.9	10.0
17/648	R00Y_100_100$_{dd}$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4	0.0	1.0	1.0	0.0	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
18/688	R00Y_100_050$_{dd}$	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.5	71.7	28.6	18.9	34.3	33.4	0.0	0.504	0.398	0.0	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
19/706	R50Y_100_050$_{dd}$	1.0	0.75	0.5	1.0	0.5	0.75	60	1.0	0.75	0.5	83.1	9.6	33.1	34.5	73.8	0.0	0.283	0.426	0.0	59	1.0	0.5	0.0	70.5	19.2	66.2	69.0	73.8
20/724	Y00G_100_050$_{dd}$	1.0	1.0	0.5	1.0	0.5	0.75	90	1.0	1.0	0.5	93.7	−7.9	42.3	43.0	100.5	0.0	0.012	0.457	0.0	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
21/562	Y50G_100_050$_{dd}$	0.75	1.0	0.5	1.0	0.5	0.75	120	0.75	1.0	0.5	83.4	−20.8	27.4	34.4	127.3	0.269	0.0	0.458	0.046	119	0.5	1.0	0.0	70.9	−41.7	54.8	68.9	127.3
22/400	G00B_100_050$_{dd}$	0.5	1.0	0.5	1.0	0.5	0.75	150	0.5	1.0	0.5	75.0	−33.8	15.4	37.1	155.5	0.498	0.0	0.623	0.0	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
23/404	G50B_100_050$_{dd}$	0.5	1.0	1.0	1.0	0.5	0.75	210	0.5	1.0	1.0	74.4	−15.0	−21.5	26.2	235.1	0.374	0.013	0.0	0.158	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1
24/368	B00R_100_050$_{dd}$	0.5	0.5	1.0	1.0	0.5	0.75	270	0.5	0.5	1.0	64.2	8.4	−22.3	23.8	290.8	0.316	0.347	0.0	0.157	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
25/692	B50R_100_050$_{dd}$	1.0	0.5	1.0	1.0	0.5	0.75	330	1.0	0.5	1.0	72.0	32.7	−6.3	33.3	348.9	0.0	0.478	0.108	0.022	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
26/688	R00Y_100_050$_{dd}$	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.5	71.7	28.6	18.9	34.3	33.4	0.0	0.504	0.398	0.0	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
27/506	R00Y_075_050$_{dd}$	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.25	53.7	28.6	18.9	34.3	33.4	0.0	0.632	0.514	0.234	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
28/524	R50Y_075_050$_{dd}$	0.75	0.5	0.25	0.75	0.5	0.5	60	0.75	0.5	0.25	65.1	9.6	33.1	34.5	73.8	0.0	0.359	0.616	0.236	59	1.0	0.5	0.0	70.5	19.2	66.2	69.0	73.8
29/542	Y00G_075_050$_{dd}$	0.75	0.75	0.25	0.75	0.5	0.5	90	0.75	0.75	0.25	75.7	−7.9	42.3	43.0	100.5	0.0	0.062	0.597	0.302	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
30/380	Y50G_075_050$_{dd}$	0.5	0.75	0.25	0.75	0.5	0.5	120	0.5	0.75	0.25	65.4	−20.8	27.4	34.4	127.3	0.301	0.0	0.609	0.334	119	0.5	1.0	0.0	70.9	−41.7	54.8	68.9	127.3
31/218	G00B_075_050$_{dd}$	0.25	0.75	0.25	0.75	0.5	0.5	150	0.25	0.75	0.25	57.0	−33.8	15.4	37.1	155.5	0.586	0.0	0.642	0.285	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
32/222	G50B_075_050$_{dd}$	0.25	0.75	0.75	0.75	0.5	0.5	210	0.25	0.75	0.75	56.4	−15.0	−21.5	26.2	235.1	0.477	0.0	0.015	0.398	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1
33/186	B00R_075_050$_{dd}$	0.25	0.25	0.75	0.75	0.5	0.5	270	0.25	0.25	0.75	46.2	8.4	−22.3	23.8	290.8	0.364	0.428	0.0	0.425	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
34/510	B50R_075_050$_{dd}$	0.75	0.25	0.75	0.75	0.5	0.5	330	0.75	0.25	0.75	54.0	32.7	−6.3	33.3	348.9	0.0	0.609	0.12	0.286	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
35/506	R00Y_075_050$_{dd}$	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.25	53.7	28.6	18.9	34.3	33.4	0.0	0.632	0.514	0.234	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
36/324	R00Y_050_050$_{dd}$	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.0	35.7	28.6	18.9	34.3	33.4	0.0	0.803	0.705	0.52	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
37/342	R50Y_050_050$_{dd}$	0.5	0.25	0.0	0.5	0.5	0.25	60	0.5	0.25	0.0	47.1	9.6	33.1	34.5	73.8	0.0	0.442	0.766	0.476	59	1.0	0.5	0.0	70.5	19.2	66.2	69.0	73.8
38/360	Y00G_050_050$_{dd}$	0.5	0.5	0.0	0.5	0.5	0.25	90	0.5	0.5	0.0	57.7	−7.9	42.3	43.0	100.5	0.0	0.051	0.73	0.52	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
39/198	Y50G_050_050$_{dd}$	0.25	0.5	0.0	0.5	0.5	0.25	120	0.25	0.5	0.0	47.4	−20.8	27.4	34.4	127.3	0.349	0.0	0.75	0.532	119	0.5	1.0	0.0	70.9	−41.7	54.8	68.9	127.3
40/36	G00B_050_050$_{dd}$	0.0	0.5	0.0	0.5	0.5	0.25	150	0.0	0.5	0.0	39.0	−33.8	15.4	37.1	155.5	0.655	0.0	0.778	0.617	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
41/40	G50B_050_050$_{dd}$	0.0	0.5	0.5	0.5	0.5	0.25	210	0.0	0.5	0.5	38.4	−15.0	−21.5	26.2	235.1	0.614	0.003	0.0	0.662	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1
42/4	B00R_050_050$_{dd}$	0.0	0.0	0.5	0.5	0.5	0.25	270	0.0	0.0	0.5	28.2	8.4	−22.3	23.8	290.8	0.501	0.649	0.0	0.669	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
43/328	B50R_050_050$_{dd}$	0.5	0.0	0.5	0.5	0.5	0.25	330	0.5	0.0	0.5	36.0	32.7	−6.3	33.3	348.9	0.0	0.757	0.143	0.571	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
44/324	R00Y_050_050$_{dd}$	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.0	35.7	28.6	18.9	34.3	33.4	0.0	0.803	0.705	0.52	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
45/0	NW_000$_{dd}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	23.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
46/91	NW_013$_{dd}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	32.8	0.0	0.0	0.0	0.0	0.0	0.054	0.11	0.815	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
47/182	NW_025$_{dd}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	41.8	0.0	0.0	0.0	0.0	0.0	0.032	0.082	0.716	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
48/273	NW_038$_{dd}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	50.8	0.0	0.0	0.0	0.0	0.0	0.026	0.052	0.629	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
49/364	NW_050$_{dd}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	59.8	0.0	0.0	0.0	0.0	0.0	0.029	0.059	0.51	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
50/455	NW_063$_{dd}$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	68.8	0.0	0.0	0.0	0.0	0.0	0.028	0.063	0.409	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
51/546	NW_075$_{dd}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	77.8	0.0	0.0	0.0	0.0	0.0	0.015	0.029	0.286	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
52/637	NW_088$_{dd}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.8	0.0	0.0	0.0	0.0	0.0	0.017	0.018	0.158	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
53/728	NW_100$_{dd}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0

delta

4−103730−F0 PI490−7N, 8/22−F

Grafico TUB-PI49; grafico per il test colori e la differenza, $\Delta E'$*, 3D=1, de=0, *cmyk**

Input: *rgb/cmyk* −> *rgb*$_{dd}$
Output: 3D-linearizzazione a *cmyk**$_{dd}$

vedi file simili: http://farbe.li.tu-berlin.de/PI49/PI49.HTM
informazioni tecniche: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

iscrizione TUB: 20160501-PI49/PI49L0FA.TXT /.PS
Applicatione per la misura dell'output output della stampante laser, separazione cmyn6* (CMYK)
TUB materiale: code=rha4ta

n=j	HIC*$_{Fdd}$	*rgb*$_{Fdd}$			*ict*$_{Fdd}$			h_{si_Fdd}	*rgb**$_{Fdd}$			*LabCh**$_{Fdd}$				*cmyn*$^*_{sep,Fdd}$				$h_{siM,dd}$	*rgb**$_{Mdd}$			*LabCh**$_{Mdd}$				**delta**
0	0_{dd}	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	23.8	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
1	1_{dd}	0.0	0.0	0.125	0.125	0.125	0.062	270	0.0	0.0	0.125	24.9	2.1	−5.5	5.9	290.8	0.296	0.35	0.0	0.938	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
2	2_{dd}	0.0	0.0	0.25	0.25	0.25	0.125	270	0.0	0.0	0.25	26.0	4.2	−11.1	11.9	290.8	0.383	0.476	0.0	0.865	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
3	3_{dd}	0.0	0.0	0.375	0.375	0.375	0.187	270	0.0	0.0	0.375	27.1	6.3	−16.7	17.8	290.8	0.377	0.528	0.0	0.756	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
4	4_{dd}	0.0	0.0	0.5	0.5	0.5	0.25	270	0.0	0.0	0.5	28.2	8.4	−22.3	23.8	290.8	0.501	0.649	0.0	0.669	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
5	5_{dd}	0.0	0.0	0.625	0.625	0.625	0.312	270	0.0	0.0	0.625	29.2	10.5	−27.8	29.8	290.8	0.642	0.747	0.0	0.586	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
6	6_{dd}	0.0	0.0	0.75	0.75	0.75	0.375	270	0.0	0.0	0.75	30.3	12.7	−33.4	35.7	290.8	0.739	0.797	0.0	0.519	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
7	7_{dd}	0.0	0.0	0.875	0.875	0.875	0.437	270	0.0	0.0	0.875	31.4	14.8	−39.0	41.7	290.8	0.824	0.833	0.0	0.422	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
8	8_{dd}	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8	1.0	1.0	0.0	0.0	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
9	9_{dd}	0.0	0.125	0.0	0.125	0.125	0.062	150	0.0	0.125	0.0	27.6	−8.4	3.8	9.2	155.5	0.279	0.0	0.279	0.944	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
10	10_{dd}	0.0	0.125	0.125	0.125	0.125	0.062	210	0.0	0.125	0.125	27.5	−3.7	−5.3	6.5	235.1	0.349	0.0	0.024	0.936	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1
11	11_{dd}	0.0	0.125	0.25	0.25	0.25	0.125	240	0.0	0.125	0.25	29.4	−3.3	−12.3	12.7	254.9	0.419	0.195	0.0	0.8	240	0.0	0.5	1.0	46.1	−13.3	−49.4	51.1	254.9
12	12_{dd}	0.0	0.125	0.375	0.375	0.375	0.187	251	0.0	0.118	0.375	29.6	−0.8	−18.4	18.4	267.3	0.448	0.342	0.0	0.736	251	0.0	0.316	1.0	39.3	−2.3	−49.1	49.1	267.3
13	13_{dd}	0.0	0.125	0.5	0.5	0.5	0.25	256	0.0	0.116	0.5	30.2	1.6	−24.1	24.2	273.8	0.58	0.513	0.0	0.653	257	0.0	0.233	1.0	36.6	3.2	−48.3	48.4	273.8
14	14_{dd}	0.0	0.125	0.625	0.625	0.625	0.312	259	0.0	0.114	0.625	31.4	3.8	−29.7	29.9	277.3	0.701	0.631	0.0	0.567	260	0.0	0.183	1.0	35.9	6.1	−47.5	47.9	277.3
15	15_{dd}	0.0	0.125	0.75	0.75	0.75	0.375	261	0.0	0.112	0.75	32.5	6.0	−35.1	35.6	279.6	0.788	0.698	0.0	0.498	262	0.0	0.15	1.0	35.4	8.0	−46.9	47.5	279.6
16	16_{dd}	0.0	0.125	0.875	0.875	0.875	0.437	262	0.0	0.116	0.875	33.7	7.8	−40.7	41.4	280.8	0.862	0.739	0.0	0.412	262	0.0	0.133	1.0	35.2	8.9	−46.5	47.4	280.8
17	17_{dd}	0.0	0.125	1.0	1.0	1.0	0.5	263	0.0	0.116	1.0	34.9	9.9	−46.3	47.3	282.0	0.964	0.805	0.0	0.125	263	0.0	0.116	1.0	34.9	9.9	−46.3	47.3	282.0
18	18_{dd}	0.0	0.25	0.0	0.25	0.25	0.125	150	0.0	0.25	0.0	31.4	−16.9	7.7	18.5	155.5	0.484	0.0	0.484	0.874	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
19	19_{dd}	0.0	0.25	0.125	0.25	0.25	0.125	180	0.0	0.25	0.125	31.6	−12.8	−2.2	13.0	189.8	0.499	0.0	0.432	0.867	180	0.0	1.0	0.5	55.0	−51.4	−8.9	52.2	189.8
20	20_{dd}	0.0	0.25	0.25	0.25	0.25	0.125	210	0.0	0.25	0.25	31.1	−7.5	−10.7	13.1	235.1	0.43	0.005	0.0	0.817	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1
21	21_{dd}	0.0	0.25	0.375	0.375	0.375	0.187	229	0.0	0.256	0.375	34.2	−8.7	−18.2	20.2	244.5	0.457	0.108	0.0	0.721	228	0.0	0.683	1.0	51.6	−23.2	−48.6	53.9	244.5
22	22_{dd}	0.0	0.25	0.5	0.5	0.5	0.25	240	0.0	0.25	0.5	35.0	−6.6	−24.7	25.5	254.9	0.613	0.306	0.0	0.635	240	0.0	0.5	1.0	46.1	−13.3	−49.4	51.1	254.9
23	23_{dd}	0.0	0.25	0.625	0.625	0.625	0.312	247	0.0	0.239	0.625	35.0	−4.2	−30.8	31.1	262.1	0.75	0.463	0.0	0.547	247	0.0	0.383	1.0	41.7	−6.8	−49.3	49.7	262.1
24	24_{dd}	0.0	0.25	0.75	0.75	0.75	0.375	251	0.0	0.237	0.75	35.4	−1.7	−36.8	36.8	267.3	0.837	0.565	0.0	0.462	251	0.0	0.316	1.0	39.3	−2.3	−49.1	49.1	267.3
25	25_{dd}	0.0	0.25	0.875	0.875	0.875	0.437	254	0.0	0.233	0.875	35.7	0.9	−42.6	42.6	271.3	0.902	0.638	0.0	0.385	255	0.0	0.266	1.0	37.4	1.1	−48.7	48.7	271.3
26	26_{dd}	0.0	0.25	1.0	1.0	1.0	0.5	256	0.0	0.233	1.0	36.6	3.2	−48.3	48.4	273.8	0.978	0.699	0.0	0.125	257	0.0	0.233	1.0	36.6	3.2	−48.3	48.4	273.8
27	27_{dd}	0.0	0.375	0.0	0.375	0.375	0.187	150	0.0	0.375	0.0	35.2	−25.3	11.5	27.8	155.5	0.657	0.0	0.687	0.749	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
28	28_{dd}	0.0	0.375	0.125	0.375	0.375	0.187	169	0.0	0.375	0.118	35.2	−22.5	2.1	22.6	174.6	0.658	0.0	0.573	0.718	168	0.0	1.0	0.316	54.3	−60.1	5.6	60.3	174.6
29	29_{dd}	0.0	0.375	0.25	0.375	0.375	0.187	191	0.0	0.375	0.256	35.6	−15.8	−8.8	18.0	209.1	0.555	0.0	0.258	0.719	191	0.0	1.0	0.683	55.2	−42.1	−23.4	48.2	209.1
30	30_{dd}	0.0	0.375	0.375	0.375	0.375	0.187	210	0.0	0.375	0.375	34.8	−11.2	−16.1	19.6	235.1	0.444	0.0	0.028	0.732	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1
31	31_{dd}	0.0	0.375	0.5	0.5	0.5	0.25	224	0.0	0.383	0.5	38.3	−13.1	−23.6	26.9	240.9	0.628	0.093	0.0	0.64	222	0.0	0.766	1.0	52.9	−26.2	−47.2	53.9	240.9
32	32_{dd}	0.0	0.375	0.625	0.625	0.625	0.312	233	0.0	0.385	0.625	40.3	−12.6	−30.9	33.4	247.7	0.756	0.245	0.0	0.514	232	0.0	0.616	1.0	50.2	−20.2	−49.5	53.5	247.7
33	33_{dd}	0.0	0.375	0.75	0.75	0.75	0.375	240	0.0	0.375	0.75	40.5	−9.9	−37.0	38.3	254.9	0.847	0.396	0.0	0.401	240	0.0	0.5	1.0	46.1	−13.3	−49.4	51.1	254.9
34	34_{dd}	0.0	0.375	0.875	0.875	0.875	0.437	245	0.0	0.364	0.875	40.6	−7.5	−43.2	43.9	260.0	0.914	0.489	0.0	0.307	245	0.0	0.416	1.0	42.9	−8.6	−49.4	50.1	260.0
35	35_{dd}	0.0	0.375	1.0	1.0	1.0	0.5	248	0.0	0.366	1.0	41.1	−5.7	−49.2	49.6	263.3	0.999	0.63	0.0	0.0	248	0.0	0.366	1.0	41.1	−5.7	−49.2	49.6	263.3
36	36_{dd}	0.0	0.5	0.0	0.5	0.5	0.25	150	0.0	0.5	0.0	39.0	−33.8	15.4	37.1	155.5	0.655	0.0	0.778	0.617	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
37	37_{dd}	0.0	0.5	0.125	0.5	0.5	0.25	164	0.0	0.5	0.116	38.8	−31.8	7.0	32.6	167.4	0.696	0.0	0.647	0.609	162	0.0	1.0	0.233	53.7	−63.6	14.1	65.2	167.4
38	38_{dd}	0.0	0.5	0.25	0.5	0.5	0.25	180	0.0	0.5	0.25	39.4	−25.7	−4.4	26.1	189.8	0.661	0.0	0.423	0.584	180	0.0	1.0	0.5	55.0	−51.4	−8.9	52.2	189.8
39	39_{dd}	0.0	0.5	0.375	0.5	0.5	0.25	196	0.0	0.5	0.383	39.4	−19.6	−13.9	24.0	215.4	0.624	0.0	0.223	0.606	197	0.0	1.0	0.766	55.1	−39.2	−27.9	48.1	215.4
40	40_{dd}	0.0	0.5	0.5	0.5	0.5	0.25	210	0.0	0.5	0.5	38.4	−15.0	−21.5	26.2	235.1	0.614	0.003	0.0	0.662	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1
41	41_{dd}	0.0	0.5	0.625	0.625	0.625	0.312	221	0.0	0.51	0.625	42.0	−16.9	−28.7	33.3	239.5	0.735	0.093	0.0	0.541	219	0.0	0.816	1.0	53.0	−27.0	−46.0	53.4	239.5
42	42_{dd}	0.0	0.5	0.75	0.75	0.75	0.375	229	0.0	0.512	0.75	44.7	−17.4	−36.5	40.4	244.5	0.854	0.223	0.0	0.384	228	0.0	0.683	1.0	51.6	−23.2	−48.6	53.9	244.5
43	43_{dd}	0.0	0.5	0.875	0.875	0.875	0.437	235	0.0	0.51	0.875	45.9	−15.9	−43.4	46.2	249.7	0.921	0.358	0.0	0.266	234	0.0	0.583	1.0	49.1	−18.2	−49.6	52.8	249.7
44	44_{dd}	0.0	0.5	1.0	1.0	1.0	0.5	240	0.0	0.5	1.0	46.1	−13.3	−49.4	51.1	254.9	1.0	0.5	0.0	0.0	240	0.0	0.5	1.0	46.1	−13.3	−49.4	51.1	254.9
45	45_{dd}	0.0	0.625	0.0	0.625	0.625	0.312	150	0.0	0.625	0.0	42.9	−42.3	19.2	46.4	155.5	0.683	0.0	0.809	0.476	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
46	46_{dd}	0.0	0.625	0.125	0.625	0.625	0.312	161	0.0	0.625	0.114	42.5	−40.6	11.3	42.2	164.4	0.735	0.0	0.695	0.504	159	0.0	1.0	0.183	53.8	−65.0	18.1	67.5	164.4
47	47_{dd}	0.0	0.625	0.25	0.625	0.625	0.312	173	0.0	0.625	0.239	43.1	−35.3	−0.3	35.3	180.6	0.735	0.0	0.5	0.488	172	0.0	1.0	0.383	54.7	−56.5	−0.6	56.5	180.6
48	48_{dd}	0.0	0.625	0.375	0.625	0.625	0.312	187	0.0	0.625	0.385	43.5	−27.9	−12.1	30.4	203.4	0.716	0.0	0.322	0.5	187	0.0	1.0	0.616	55.3	−44.7	−19.4	48.7	203.4
49	49_{dd}	0.0	0.625	0.5	0.625	0.625	0.312	199	0.0	0.625	0.51	43.2	−23.8	−18.9	30.4	218.4	0.71	0.0	0.206	0.528	200	0.0	1.0	0.816	54.8	−38.1	−30.3	48.7	218.4
50	50_{dd}	0.0	0.625	0.625	0.625	0.625	0.312	210	0.0	0.625	0.625	42.1	−18.7	−26.9	32.8	235.1	0.72	0.019	0.0	0.57	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1
51	51_{dd}	0.0	0.625	0.75	0.75	0.75	0.375	219	0.0	0.637	0.75	45.7	−20.6	−33.9	39.7	238.6	0.825	0.09	0.0	0.434	217	0.0	0.85	1.0	53.0	−27.5	−45.3	53.0	238.6
52	52_{dd}	0.0	0.625	0.875	0.875	0.875	0.437	226	0.0	0.641	0.875	49.0	−22.1	−41.8	47.3	242.1	0.917	0.239	0.0	0.267	224	0.0	0.733	1.0	52.6	−25.2	−47.8	54.1	242.1
53	53_{dd}	0.0	0.625	1.0	1.0	1.0	0.5	232	0.0	0.633	1.0	50.7	−21.1	−49.4	53.7	246.8	1.0	0.367	0.0	0.0	231	0.0	0.633	1.0	50.7	−21.1	−49.4	53.7	246.8
54	54_{dd}	0.0	0.75	0.0	0.75	0.75	0.375	150	0.0	0.75	0.0	46.7	−50.7	23.1	55.7	155.5	0.744	0.0	0.852	0.388	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
55	55_{dd}	0.0	0.75	0.125	0.75	0.75	0.375	159	0.0	0.75	0.112	46.3	−49.4	15.6	51.8	162.4	0.795	0.0	0.727	0.413	157	0.0	1.0	0.15	53.8	−65.8	20.8	69.1	162.4
56	56_{dd}	0.0	0.75	0.25	0.75	0.75	0.375	169	0.0	0.75	0.237	46.6	−45.0	4.2	45.2	174.6	0.791	0.0	0.555	0.41	168	0.0	1.0	0.316	54.3	−60.1	5.6	60.3	174.6
57	57_{dd}	0.0	0.75	0.375	0.75	0.75	0.375	180	0.0	0.75	0.375	47.2	−38.6	−6.6	39.1	189.8	0.785	0.0	0.422	0.415	180	0.0	1.0	0.5	55.0	−51.4	−8.9	52.2	189.8
58	58_{dd}	0.0	0.75	0.5	0.75	0.75	0.375	191	0.0	0.75	0.512	47.4	−31.6	−17.6	36.1	209.1	0.779	0.0	0.278	0.429	191	0.0	1.0	0.683	55.2	−42.1	−23.4	48.2	209.1
59	59_{dd}	0.0	0.75	0.625	0.75	0.75	0.375	201	0.0	0.75	0.637	46.9	−28.0	−23.9	36.8	220.4	0.788	0.0	0.168	0.448	202	0.0	1.0	0.85	54.6	−37.3	−31.9	49.1	220.4
60	60_{dd}	0.0	0.75	0.75	0.75	0.75	0.375	210	0.0	0.75	0.75	45.8	−22.5	−32.3	39.3	235.1	0.81	0.015	0.0	0.472	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1
61	61_{dd}	0.0	0.75	0.875	0.875	0.875	0.437	218	0.0	0.758	0.875	49.4	−24.3	−39.3	46.2	238.2	0.898	0.139	0.0	0.318	217	0.0	0.866	1.0	53.0	−27.8	−44.9	52.8	238.2
62	62_{dd}	0.0	0.75	1.0	1.0	1.0	0.5	224	0.0	0.766	1.0	52.9	−26.2	−47.2	53.9	240.9	0.997	0.243	0.0	0.009	222	0.0	0.766	1.0	52.9	−26.2	−47.2	53.9	240.9
63	63_{dd}	0.0	0.875	0.0	0.875	0.875	0.437	150	0.0	0.875	0.0	50.5	−59.2	26.9	65.0	155.5	0.822	0.0	0.901	0.294	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
64	64_{dd}	0.0	0.875	0.125	0.875	0.875	0.437	158	0.0	0.875	0.116	50.0	−57.9	19.5	61.1	161.3	0.876	0.0	0.795	0.25	157	0.0	1.0	0.133	53.8	−66.2	22.3	69.9	161.3
65	65_{dd}	0.0	0.875	0.25	0.875	0.875	0.437	166	0.0	0.875	0.233	50.1	−54.6	9.6	55.4	170.0	0.875	0.0	0.635	0.25	164	0.0	1.0	0.266	53.9	−62.4	10.9	63.4	170.0
66	66_{dd}	0.0	0.875	0.375	0.875	0.875	0.437	175	0.0	0.875	0.364	50.9	−48.3	−2.7	48.3	183.2	0.859	0.0	0.475	0.25	174	0.0	1.0	0.416	54.8	−55.2	−3.1	55.2	183.2
67	67_{dd}	0.0	0.875	0.5	0.875	0.875	0.437	185	0.0	0.875	0.51	51.3	−41.0	−14.5	43.5	199.5	0.876	0.0	0.315	0.25	185	0.0	1.0	0.583	55.2	−46.8	−16.6	49.7	199.5
68	68_{dd}	0.0	0.875	0.625	0.875	0.875	0.437	194	0.0	0.875	0.641	51.3	−35.1	−22.9	42.0	213.1	0.875	0.0	0.25	0.0	195	0.0	1.0	0.733	55.2	−40.2	−26.2	48.0	213.1
69	69_{dd}	0.0	0.875	0.75	0.875	0.875	0.437	202	0.0	0.875	0.758	50.6	−32.3	−28.6	43.1	221.4	0.845	0.0	0.142	0.376	202	0.0	1.0	0.866	54.5	−36.9	−32.6	49.3	221.4
70	70_{dd}	0.0	0.875	0.875	0.875	0.875	0.437	210	0.0	0.875	0.875	49.4	−26.2	−37.7	45.9	235.1	0.889	0.055	0.0	0.368	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1
71	71_{dd}	0.0	0.875	1.0	1.0	1.0	0.5	217	0.0	0.883	1.0	53.1	−28.1	−44.6	52.7	237.7	0.986	0.155	0.0	0.052	216	0.0	0.883	1.0	53.1	−28.1	−44.6	52.7	237.7
72	72_{dd}	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5	1.0	0.0	1.0	0.0	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
73	73_{dd}	0.0	1.0	0.125	1.0	1.0	0.5	157	0.0	1.0	0.116	53.8	−66.5	23.5	70.5	160.5	1.0	0.0	0.884	0.0	156	0.0	1.0	0.116	53.8	−66.5	23.5	70.5	160.5
74	74_{dd}	0.0	1.0	0.25	1.0	1.0	0.5	164	0.0	1.0	0.233	53.7	−63.6	14.1	65.2	167.4	0.947	0.0	0.713	0.125	162	0.0	1.0	0.233	53.7	−63.6	14.1	65.2	167.4
75	75_{dd}	0.0	1.0	0.375	1.0	1.0	0.5	172	0.0	1.0	0.366	54.7	−57.3	0.8	57.3	179.1	1.0	0.0	0.632	0.0	171	0.0	1.0	0.366	54.7	−57.3	0.8	57.3	179.1
76	76_{dd}	0.0	1.0	0.5	1.0	1.0	0.5	180	0.0	1.0	0.5	55.0	−51.4	−8.9	52.2	189.8	1.0	0.0	0.5	0.0	180	0.0	1.0	0.5	55.0	−51.4	−8.9	52.2	189.8
77	77_{dd}	0.0	1.0	0.625	1.0	1.0	0.5	188	0.0	1.0	0.633	55.3	−43.8	−20.5	48.4	205.1	1.0	0.0	0.364	0.0	188	0.0	1.0	0.633	55.3	−43.8	−20.5	48.4	205.1
78	78_{dd}	0.0	1.0	0.75	1.0	1.0	0.5	196	0.0	1.0	0.766	55.1	−39.2	−27.9	48.1	215.4	1.0	0.0	0.229	0.0	197	0.0	1.0	0.766	55.1	−39.2	−27.9	48.1	215.4
79	79_{dd}	0.0	1.0	0.875	1.0	1.0	0.5	203	0.0	1.0	0.883	54.3	−36.4	−33.7	49.6	222.8	0.999	0.0	0.123	0.001	203	0.0	1.0	0.883	54.3	−36.4	−33.7	49.6	222.8
80	80_{dd}	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1	0.999	0.0	0.0	0.0	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1

4−103830−F0 PI490−7N, 9/22−F

vedi file simili: http://farbe.li.tu-berlin.de/PI49/PI49.HTM
informazioni tecniche: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

iscrizione TUB: 20160501-PI49/PI49L0FA.TXT /.PS
Applicatione per la misura dell'output output della stampante laser, separazione cmyn6* (CMYK)
TUB materiale: code=rha4ta

Grafico TUB-PI49; grafico per il test colori e la differenza, $\Delta E'^*$, 3D=1, de=0, *cmyk**

Input: *rgb/cmyk* −> *rgb*$_{dd}$
Output: 3D-linearizzazione a *cmyk**$_{dd}$

n	HIC*$_{Fdd}$	rgb_{Fdd}			ict_{Fdd}			h_{si_Fdd}	rgb^*_{Fdd}			$LabCh^*_{Fdd}$					$cmyn^*_{sep,Fdd}$				$h_{siM,dd}$	rgb^*_{Mdd}			$LabCh^*_{Mdd}$				
81	81_{dd}	0.125	0.0	0.0	0.125	0.125	0.062	390	0.125	0.0	0.0	26.8	7.1	4.7	8.5	33.4	0.0	0.482	0.398	0.864	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
82	82_{dd}	0.125	0.0	0.125	0.125	0.125	0.062	330	0.125	0.0	0.125	26.8	8.1	−1.5	8.3	348.9	0.0	0.459	0.135	0.876	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
83	83_{dd}	0.125	0.0	0.25	0.25	0.25	0.125	300	0.125	0.0	0.25	27.1	10.7	−7.7	13.2	324.4	0.077	0.521	0.0	0.825	300	0.5	0.0	1.0	37.2	43.1	−30.8	53.0	324.4
84	84_{dd}	0.125	0.0	0.375	0.375	0.375	0.187	289	0.118	0.0	0.375	27.1	13.0	−13.9	19.1	312.9	0.23	0.615	0.0	0.762	288	0.316	0.0	1.0	32.7	34.7	−37.2	50.9	312.9
85	85_{dd}	0.125	0.0	0.5	0.5	0.5	0.25	284	0.116	0.0	0.5	27.4	14.8	−19.9	24.8	306.6	0.406	0.732	0.0	0.678	282	0.233	0.0	1.0	31.1	29.6	−39.8	49.6	306.6
86	86_{dd}	0.125	0.0	0.625	0.625	0.625	0.312	281	0.114	0.0	0.625	28.5	16.8	−25.6	30.6	303.2	0.535	0.803	0.0	0.585	279	0.183	0.0	1.0	31.3	26.8	−41.0	49.0	303.2
87	87_{dd}	0.125	0.0	0.75	0.75	0.75	0.375	279	0.112	0.0	0.75	29.5	18.7	−31.3	36.5	300.9	0.638	0.832	0.0	0.512	278	0.15	0.0	1.0	31.4	25.0	−41.7	48.6	300.9
88	88_{dd}	0.125	0.0	0.875	0.875	0.875	0.437	278	0.116	0.0	0.875	30.6	21.0	−36.8	42.4	299.8	0.752	0.877	0.0	0.394	277	0.133	0.0	1.0	31.5	24.1	−42.0	48.4	299.8
89	89_{dd}	0.125	0.0	1.0	1.0	1.0	0.5	277	0.116	0.0	1.0	31.6	23.1	−42.4	48.3	298.6	0.882	1.0	0.0	0.0	276	0.116	0.0	1.0	31.6	23.1	−42.4	48.3	298.6
90	90_{dd}	0.125	0.125	0.0	0.125	0.125	0.062	90	0.125	0.125	0.0	32.3	−1.9	10.5	10.7	100.5	0.0	0.072	0.456	0.829	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
91	91_{dd}	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	32.8	0.0	0.0	0.0	0.0	0.0	0.054	0.11	0.815	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
92	92_{dd}	0.125	0.125	0.25	0.25	0.125	0.187	270	0.124	0.124	0.25	33.9	2.1	−5.5	5.9	290.8	0.069	0.156	0.0	0.781	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
93	93_{dd}	0.125	0.125	0.375	0.375	0.25	0.25	270	0.124	0.124	0.375	35.0	4.2	−11.1	11.9	290.8	0.207	0.302	0.0	0.715	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
94	94_{dd}	0.125	0.125	0.5	0.5	0.375	0.312	270	0.124	0.124	0.5	36.1	6.3	−16.7	17.8	290.8	0.276	0.393	0.0	0.636	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
95	95_{dd}	0.125	0.125	0.625	0.625	0.5	0.375	270	0.125	0.125	0.625	37.2	8.4	−22.3	23.8	290.8	0.398	0.503	0.0	0.545	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
96	96_{dd}	0.125	0.125	0.75	0.75	0.625	0.437	270	0.125	0.125	0.75	38.2	10.5	−27.8	29.8	290.8	0.526	0.606	0.0	0.44	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
97	97_{dd}	0.125	0.125	0.875	0.875	0.75	0.5	270	0.125	0.125	0.875	39.3	12.7	−33.4	35.7	290.8	0.641	0.694	0.0	0.326	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
98	98_{dd}	0.125	0.125	1.0	1.0	0.875	0.562	270	0.125	0.125	1.0	40.4	14.8	−39.0	41.7	290.8	0.688	0.705	0.0	0.173	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
99	99_{dd}	0.125	0.25	0.0	0.25	0.25	0.125	120	0.125	0.25	0.0	35.6	−10.4	13.7	17.2	127.3	0.272	0.0	0.599	0.779	119	0.5	1.0	0.0	70.9	−41.7	54.8	68.9	127.3
100	100_{dd}	0.125	0.25	0.125	0.25	0.125	0.187	150	0.124	0.25	0.124	36.6	−8.4	3.8	9.2	155.5	0.259	0.0	0.361	0.766	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
101	101_{dd}	0.125	0.25	0.25	0.25	0.125	0.187	210	0.124	0.25	0.25	36.5	−3.7	−5.3	6.5	235.1	0.159	0.0	0.032	0.767	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1
102	102_{dd}	0.125	0.25	0.375	0.375	0.25	0.25	240	0.124	0.25	0.375	38.4	−3.3	−12.3	12.7	254.9	0.282	0.123	0.0	0.688	240	0.0	0.5	1.0	46.1	−13.3	−49.4	51.1	254.9
103	103_{dd}	0.125	0.25	0.5	0.5	0.375	0.312	251	0.124	0.243	0.5	38.6	−0.8	−18.4	18.4	267.3	0.328	0.242	0.0	0.626	251	0.0	0.316	1.0	39.3	−2.3	−49.1	49.1	267.3
104	104_{dd}	0.125	0.25	0.625	0.625	0.5	0.375	256	0.125	0.241	0.625	39.2	1.6	−24.1	24.2	273.8	0.48	0.407	0.0	0.532	257	0.0	0.233	1.0	36.6	3.2	−48.3	48.4	273.8
105	105_{dd}	0.125	0.25	0.75	0.75	0.625	0.437	259	0.125	0.239	0.75	40.3	3.8	−29.7	29.9	277.3	0.623	0.54	0.0	0.414	260	0.0	0.183	1.0	35.9	6.1	−47.5	47.9	277.3
106	106_{dd}	0.125	0.25	0.875	0.875	0.75	0.5	261	0.125	0.237	0.875	41.5	6.0	−35.1	35.6	279.6	0.716	0.631	0.0	0.291	262	0.0	0.15	1.0	35.4	8.0	−46.9	47.5	279.6
107	107_{dd}	0.125	0.25	1.0	1.0	0.875	0.562	262	0.125	0.241	1.0	42.7	7.8	−40.7	41.4	280.8	0.718	0.623	0.0	0.154	262	0.0	0.133	1.0	35.2	8.9	−46.5	47.4	280.8
108	108_{dd}	0.125	0.375	0.0	0.375	0.375	0.187	131	0.118	0.375	0.0	38.8	−19.5	16.7	25.7	139.4	0.41	0.0	0.695	0.679	131	0.316	1.0	0.0	63.8	−52.2	44.7	68.7	139.4
109	109_{dd}	0.125	0.375	0.125	0.375	0.25	0.25	150	0.124	0.375	0.124	40.4	−16.9	7.7	18.5	155.5	0.415	0.0	0.527	0.659	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
110	110_{dd}	0.125	0.375	0.25	0.375	0.25	0.25	180	0.124	0.375	0.25	40.6	−12.8	−2.2	13.0	189.8	0.386	0.0	0.306	0.653	180	0.0	1.0	0.5	55.0	−51.4	−8.9	52.2	189.8
111	111_{dd}	0.125	0.375	0.375	0.375	0.25	0.25	210	0.124	0.375	0.375	40.1	−7.5	−10.7	13.1	235.1	0.295	0.0	0.03	0.687	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1
112	112_{dd}	0.125	0.375	0.5	0.5	0.375	0.312	229	0.124	0.381	0.5	43.2	−8.7	−18.2	20.2	244.5	0.352	0.06	0.0	0.619	228	0.0	0.683	1.0	51.6	−23.2	−48.6	53.9	244.5
113	113_{dd}	0.125	0.375	0.625	0.625	0.5	0.375	240	0.125	0.375	0.625	44.0	−6.6	−24.7	25.5	254.9	0.533	0.246	0.0	0.511	240	0.0	0.5	1.0	46.1	−13.3	−49.4	51.1	254.9
114	114_{dd}	0.125	0.375	0.75	0.75	0.625	0.437	247	0.125	0.364	0.75	44.0	−4.2	−30.8	31.1	262.1	0.684	0.419	0.0	0.368	247	0.0	0.383	1.0	41.7	−6.8	−49.3	49.7	262.1
115	115_{dd}	0.125	0.375	0.875	0.875	0.75	0.5	251	0.125	0.362	0.875	44.4	−1.7	−36.8	36.8	267.3	0.761	0.525	0.0	0.237	251	0.0	0.316	1.0	39.3	−2.3	−49.1	49.1	267.3
116	116_{dd}	0.125	0.375	1.0	1.0	0.875	0.562	254	0.125	0.358	1.0	44.7	0.9	−42.6	42.6	271.3	0.755	0.56	0.0	0.138	255	0.0	0.266	1.0	37.4	1.1	−48.7	48.7	271.3
117	117_{dd}	0.125	0.5	0.0	0.5	0.5	0.25	136	0.116	0.5	0.0	42.0	−28.9	19.8	35.1	145.5	0.518	0.0	0.761	0.559	137	0.233	1.0	0.0	60.1	−57.9	39.6	70.2	145.5
118	118_{dd}	0.125	0.5	0.125	0.5	0.375	0.312	150	0.124	0.5	0.124	44.2	−25.3	11.5	27.8	155.5	0.529	0.0	0.641	0.534	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
119	119_{dd}	0.125	0.5	0.25	0.5	0.375	0.312	169	0.124	0.5	0.243	44.2	−22.5	2.1	22.6	174.6	0.518	0.0	0.462	0.533	168	0.0	1.0	0.316	54.3	−60.1	5.6	60.3	174.6
120	120_{dd}	0.125	0.5	0.375	0.5	0.375	0.312	191	0.124	0.5	0.381	44.6	−15.8	−8.8	18.0	209.1	0.446	0.0	0.233	0.571	191	0.0	1.0	0.683	55.2	−42.1	−23.4	48.2	209.1
121	121_{dd}	0.125	0.5	0.5	0.5	0.375	0.312	210	0.124	0.5	0.5	43.8	−11.2	−16.1	19.6	235.1	0.366	0.0	0.035	0.626	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1
122	122_{dd}	0.125	0.5	0.625	0.625	0.5	0.375	224	0.125	0.508	0.625	47.3	−13.1	−23.6	26.9	240.9	0.538	0.061	0.0	0.507	222	0.0	0.766	1.0	52.9	−26.2	−47.2	53.9	240.9
123	123_{dd}	0.125	0.5	0.75	0.75	0.625	0.437	233	0.125	0.51	0.75	49.3	−12.6	−30.9	33.4	247.7	0.683	0.207	0.0	0.347	232	0.0	0.616	1.0	50.2	−20.2	−49.5	53.5	247.7
124	124_{dd}	0.125	0.5	0.875	0.875	0.75	0.5	240	0.125	0.5	0.875	49.5	−9.9	−37.0	38.3	254.9	0.742	0.369	0.0	0.195	240	0.0	0.5	1.0	46.1	−13.3	−49.4	51.1	254.9
125	125_{dd}	0.125	0.5	1.0	1.0	0.875	0.562	245	0.125	0.489	1.0	49.6	−7.5	−43.2	43.9	260.0	0.749	0.418	0.0	0.024	245	0.0	0.416	1.0	42.9	−8.6	−49.4	50.1	260.0
126	126_{dd}	0.125	0.625	0.0	0.625	0.625	0.312	139	0.114	0.625	0.0	45.6	−37.4	23.3	44.1	148.1	0.599	0.0	0.814	0.448	140	0.183	1.0	0.0	58.7	−59.9	37.3	70.6	148.1
127	127_{dd}	0.125	0.625	0.125	0.625	0.5	0.375	150	0.125	0.625	0.125	48.0	−33.8	15.4	37.1	155.5	0.628	0.0	0.704	0.415	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
128	128_{dd}	0.125	0.625	0.25	0.625	0.5	0.375	164	0.125	0.625	0.241	47.8	−31.8	7.0	32.6	167.4	0.635	0.0	0.571	0.419	162	0.0	1.0	0.233	53.7	−63.6	14.1	65.2	167.4
129	129_{dd}	0.125	0.625	0.375	0.625	0.5	0.375	180	0.125	0.625	0.375	48.4	−25.7	−4.4	26.1	189.8	0.606	0.0	0.389	0.438	180	0.0	1.0	0.5	55.0	−51.4	−8.9	52.2	189.8
130	130_{dd}	0.125	0.625	0.5	0.625	0.5	0.375	196	0.125	0.625	0.508	48.4	−19.6	−13.9	24.0	215.4	0.562	0.0	0.212	0.472	197	0.0	1.0	0.766	55.1	−39.2	−27.9	48.1	215.4
131	131_{dd}	0.125	0.625	0.625	0.625	0.5	0.375	210	0.125	0.625	0.625	47.4	−15.0	−21.5	26.2	235.1	0.529	0.0	0.018	0.522	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1
132	132_{dd}	0.125	0.625	0.75	0.75	0.625	0.437	221	0.125	0.635	0.75	51.0	−16.9	−28.7	33.3	239.5	0.661	0.06	0.0	0.384	219	0.0	0.816	1.0	53.0	−27.0	−46.0	53.4	239.5
133	133_{dd}	0.125	0.625	0.875	0.875	0.75	0.5	229	0.125	0.637	0.875	53.7	−17.4	−36.5	40.4	244.5	0.769	0.197	0.0	0.186	228	0.0	0.683	1.0	51.6	−23.2	−48.6	53.9	244.5
134	134_{dd}	0.125	0.625	1.0	1.0	0.875	0.562	235	0.125	0.635	1.0	54.9	−15.9	−43.4	46.2	249.7	0.776	0.304	0.0	0.003	234	0.0	0.583	1.0	49.1	−18.2	−49.6	52.8	249.7
135	135_{dd}	0.125	0.75	0.0	0.75	0.75	0.375	141	0.112	0.75	0.0	49.2	−45.9	26.7	53.1	149.7	0.675	0.0	0.863	0.355	142	0.15	1.0	0.0	57.7	−61.2	35.6	70.9	149.7
136	136_{dd}	0.125	0.75	0.125	0.75	0.625	0.437	150	0.125	0.75	0.125	51.9	−42.3	19.2	46.4	155.5	0.729	0.0	0.776	0.295	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
137	137_{dd}	0.125	0.75	0.25	0.75	0.625	0.437	161	0.125	0.75	0.239	51.5	−40.6	11.3	42.2	164.4	0.746	0.0	0.662	0.303	159	0.0	1.0	0.183	53.8	−65.0	18.1	67.5	164.4
138	138_{dd}	0.125	0.75	0.375	0.75	0.625	0.437	173	0.125	0.75	0.364	52.1	−35.3	−0.3	35.3	180.6	0.721	0.0	0.488	0.323	172	0.0	1.0	0.383	54.7	−56.5	−0.6	56.5	180.6
139	139_{dd}	0.125	0.75	0.5	0.75	0.625	0.437	187	0.125	0.75	0.51	52.5	−27.9	−12.1	30.4	203.4	0.69	0.0	0.312	0.352	187	0.0	1.0	0.616	55.3	−44.7	−19.4	48.7	203.4
140	140_{dd}	0.125	0.75	0.625	0.75	0.625	0.437	199	0.125	0.75	0.635	52.2	−23.8	−18.9	30.4	218.4	0.682	0.0	0.203	0.369	200	0.0	1.0	0.816	54.8	−38.1	−30.3	48.7	218.4
141	141_{dd}	0.125	0.75	0.75	0.75	0.625	0.437	210	0.125	0.75	0.75	51.1	−18.7	−26.9	32.8	235.1	0.655	0.0	0.005	0.41	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1
142	142_{dd}	0.125	0.75	0.875	0.875	0.75	0.5	219	0.125	0.762	0.875	54.7	−20.6	−33.9	39.7	238.6	0.756	0.073	0.0	0.253	217	0.0	0.85	1.0	53.0	−27.5	−45.3	53.0	238.6
143	143_{dd}	0.125	0.75	1.0	1.0	0.875	0.562	226	0.125	0.766	1.0	58.0	−22.1	−41.8	47.3	242.1	0.813	0.17	0.0	0.01	224	0.0	0.733	1.0	52.6	−25.2	−47.8	54.1	242.1
144	144_{dd}	0.125	0.875	0.0	0.875	0.875	0.437	142	0.116	0.875	0.0	53.0	−54.1	30.4	62.1	150.6	0.755	0.0	0.918	0.262	142	0.133	1.0	0.0	57.2	−61.9	34.8	71.0	150.6
145	145_{dd}	0.125	0.875	0.125	0.875	0.75	0.5	150	0.125	0.875	0.125	55.7	−50.7	23.1	55.7	155.5	0.791	0.0	0.805	0.196	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
146	146_{dd}	0.125	0.875	0.25	0.875	0.75	0.5	159	0.125	0.875	0.237	55.3	−49.4	15.6	51.8	162.4	0.807	0.0	0.706	0.199	157	0.0	1.0	0.15	53.8	−65.8	20.8	69.1	162.4
147	147_{dd}	0.125	0.875	0.375	0.875	0.75	0.5	169	0.125	0.875	0.362	55.6	−45.0	4.2	45.2	174.6	0.797	0.0	0.563	0.214	168	0.0	1.0	0.316	54.3	−60.1	5.6	60.3	174.6
148	148_{dd}	0.125	0.875	0.5	0.875	0.75	0.5	180	0.125	0.875	0.5	56.2	−38.6	−6.6	39.1	189.8	0.777	0.0	0.424	0.238	180	0.0	1.0	0.5	55.0	−51.4	−8.9	52.2	189.8
149	149_{dd}	0.125	0.875	0.625	0.875	0.75	0.5	191	0.125	0.875	0.637	56.4	−31.6	−17.6	36.1	209.1	0.768	0.0	0.286	0.262	191	0.0	1.0	0.683	55.2	−42.1	−23.4	48.2	209.1
150	150_{dd}	0.125	0.875	0.75	0.875	0.75	0.5	201	0.125	0.875	0.762	55.9	−28.0	−23.9	36.8	220.4	0.763	0.0	0.172	0.275	202	0.0	1.0	0.85	54.6	−37.3	−31.9	49.1	220.4
151	151_{dd}	0.125	0.875	0.875	0.875	0.75	0.5	210	0.125	0.875	0.875	54.8	−22.5	−32.3	39.3	235.1	0.753	0.02	0.0	0.286	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1
152	152_{dd}	0.125	0.875	1.0	1.0	0.875	0.562	218	0.125	0.883	1.0	58.4	−24.3	−39.3	46.2	238.2	0.809	0.094	0.0	0.07	217	0.0	0.866	1.0	53.0	−27.8	−44.9	52.8	238.2
153	153_{dd}	0.125	1.0	0.0	1.0	1.0	0.5	143	0.116	1.0	0.0	56.8	−62.5	34.1	71.3	151.3	0.881	0.0	0.999	0.0	143	0.116	1.0	0.0	56.8	−62.5	34.1	71.3	151.3
154	154_{dd}	0.125	1.0	0.125	1.0	0.875	0.562	150	0.125	1.0	0.125	59.5	−59.2	26.9	65.0	155.5	0.841	0.0	0.841	0.125	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
155	155_{dd}	0.125	1.0	0.25	1.0	0.875	0.562	158	0.125	1.0	0.241	59.0	−57.9	19.5	61.1	161.3	0.826	0.0	0.705	0.125	157	0.0	1.0	0.133	53.8	−66.2	22.3	69.9	161.3
156	156_{dd}	0.125	1.0	0.375	1.0	0.875	0.562	166	0.125	1.0	0.358	59.1	−54.6	9.6	55.4	170.0	0.834	0.0	0.611	0.125	164	0.0	1.0	0.266	53.9	−62.4	10.9	63.4	170.0
157	157_{dd}	0.125	1.0	0.5	1.0	0.875	0.562	175	0.125	1.0	0.489	59.9	−48.3	−2.7	48.3	183.2	0.824	0.0	0.468	0.125	174	0.0	1.0	0.416	54.8	−55.2	−3.1	55.2	183.2
158	158_{dd}	0.125	1.0	0.625	1.0	0.875	0.562	185	0.125	1.0	0.635	60.3	−41.0	−14.5	43.5	199.5	0.818	0.0	0.326	0.125	185	0.0	1.0	0.583	55.2	−46.8	−16.6	49.7	199.5
159	159_{dd}	0.125	1.0	0.75	1.0	0.875	0.562	194	0.125	1.0	0.766	60.3	−35.1	−22.9	42.0	213.1	0.805	0.0	0.211	0.125	195	0.0	1.0	0.733	55.2	−40.2	−26.2	48.0	213.1
160	160_{dd}	0.125	1.0	0.875	1.0	0.875	0.562	202	0.125	1.0	0.883	59.6	−32.3	−28.6	43.1	221.4	0.807	0.0	0.14	0.125	202	0.0	1.0	0.866	54.5	−36.9	−32.6	49.3	221.4
161	161_{dd}	0.125	1.0	1.0	1.0	0.875	0.562	210	0.125	1.0	1.0	58.4	−26.2	−37.7	45.9	235.1	0.81	0.035	0.0	0.116	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1

delta

4−103930−F0

PI490−7N, 10/22−F

Grafico TUB-PI49; grafico per il test
colori e la differenza, $\Delta E'^*$, 3D=1, de=0, *cmyk**

Input: *rgb/cmyk* −> rgb_{dd}
Output: 3D-linearizzazione a $cmyk^*_{dd}$

vedi file simili: http://farbe.li.tu-berlin.de/PI49/PI49.HTM
informazioni tecniche: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

iscrizione TUB: 20160501-PI49/PI49L0FA.TXT /.PS
Applicatione per la misura dell'output output della stampante laser, separazione cmyn6* (CMYK)
TUB materiale: code=rha4ta

n	HIC*$_{Fdd}$	*rgb*$_{Fdd}$			*ict*$_{Fdd}$			*h*$_{si_Fdd}$	*rgb**$_{Fdd}$			*LabCh**$_{Fdd}$					*cmyn**$_{sep,Fdd}$				*h*$_{siM,dd}$	*rgb**$_{Mdd}$			*LabCh**$_{Mdd}$				
162	162$_{dd}$	0.25	0.0	0.0	0.25	0.25	0.125	390	0.25	0.0	0.0	29.7	14.3	9.4	17.1	33.4	0.0	0.624	0.53	0.722	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
163	163$_{dd}$	0.25	0.0	0.125	0.25	0.25	0.125	360	0.25	0.0	0.125	29.8	14.7	2.6	14.9	10.0	0.0	0.581	0.323	0.735	360	1.0	0.0	0.5	47.8	58.9	10.4	59.9	10.0
164	164$_{dd}$	0.25	0.0	0.25	0.25	0.25	0.125	330	0.25	0.0	0.25	29.9	16.3	−3.1	16.6	348.9	0.0	0.579	0.168	0.743	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
165	165$_{dd}$	0.25	0.0	0.375	0.375	0.375	0.187	311	0.256	0.0	0.375	30.0	19.3	−9.2	21.4	334.4	0.0	0.607	0.007	0.744	311	0.683	0.0	1.0	40.4	51.6	−24.7	57.2	334.4
166	166$_{dd}$	0.25	0.0	0.5	0.5	0.5	0.25	300	0.25	0.0	0.5	30.5	21.5	−15.4	26.5	324.4	0.206	0.709	0.0	0.65	300	0.5	0.0	1.0	37.2	43.1	−30.8	53.0	324.4
167	167$_{dd}$	0.25	0.0	0.625	0.625	0.625	0.312	293	0.239	0.0	0.625	30.4	24.1	−21.7	32.4	317.9	0.362	0.801	0.0	0.543	292	0.383	0.0	1.0	34.4	38.5	−34.7	51.9	317.9
168	168$_{dd}$	0.25	0.0	0.75	0.75	0.75	0.375	289	0.237	0.0	0.75	30.5	26.0	−27.9	38.2	312.9	0.491	0.866	0.0	0.435	288	0.316	0.0	1.0	32.7	34.7	−37.2	50.9	312.9
169	169$_{dd}$	0.25	0.0	0.875	0.875	0.875	0.437	286	0.233	0.0	0.875	30.5	27.6	−34.0	43.8	309.1	0.631	0.922	0.0	0.33	284	0.266	0.0	1.0	31.4	31.6	−38.8	50.1	309.1
170	170$_{dd}$	0.25	0.0	1.0	1.0	1.0	0.5	284	0.233	0.0	1.0	31.1	29.6	−39.8	49.6	306.6	0.763	0.998	0.0	0.0	282	0.233	0.0	1.0	31.1	29.6	−39.8	49.6	306.6
171	171$_{dd}$	0.25	0.125	0.0	0.25	0.25	0.125	60	0.25	0.125	0.0	35.5	4.8	16.5	17.2	73.8	0.0	0.345	0.576	0.713	59	1.0	0.5	0.0	70.5	19.2	66.2	69.0	73.8
172	172$_{dd}$	0.25	0.125	0.125	0.25	0.125	0.187	390	0.25	0.124	0.124	35.8	7.1	4.7	8.5	33.4	0.0	0.34	0.304	0.724	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
173	173$_{dd}$	0.25	0.125	0.25	0.25	0.125	0.187	330	0.25	0.124	0.25	35.8	8.1	−1.5	8.3	348.9	0.0	0.312	0.13	0.734	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
174	174$_{dd}$	0.25	0.125	0.375	0.375	0.25	0.25	300	0.25	0.124	0.375	36.1	10.7	−7.7	13.2	324.4	0.033	0.369	0.0	0.711	300	0.5	0.0	1.0	37.2	43.1	−30.8	53.0	324.4
175	175$_{dd}$	0.25	0.125	0.5	0.5	0.375	0.312	289	0.243	0.124	0.5	36.1	13.0	−13.9	19.1	312.9	0.175	0.482	0.0	0.642	288	0.316	0.0	1.0	32.7	34.7	−37.2	50.9	312.9
176	176$_{dd}$	0.25	0.125	0.625	0.625	0.5	0.375	284	0.241	0.125	0.625	36.4	14.8	−19.9	24.8	306.6	0.321	0.578	0.0	0.553	282	0.233	0.0	1.0	31.1	29.6	−39.8	49.6	306.6
177	177$_{dd}$	0.25	0.125	0.75	0.75	0.625	0.437	281	0.239	0.125	0.75	37.5	16.8	−25.6	30.6	303.2	0.445	0.661	0.0	0.445	279	0.183	0.0	1.0	31.3	26.8	−41.0	49.0	303.2
178	178$_{dd}$	0.25	0.125	0.875	0.875	0.75	0.5	279	0.237	0.125	0.875	38.5	18.7	−31.3	36.5	300.9	0.552	0.737	0.0	0.332	278	0.15	0.0	1.0	31.4	25.0	−41.7	48.6	300.9
179	179$_{dd}$	0.25	0.125	1.0	1.0	0.875	0.562	278	0.241	0.125	1.0	39.6	21.0	−36.8	42.4	299.8	0.621	0.751	0.0	0.174	277	0.133	0.0	1.0	31.5	24.1	−42.0	48.4	299.8
180	180$_{dd}$	0.25	0.25	0.0	0.25	0.25	0.125	90	0.25	0.25	0.0	40.7	−3.9	21.1	21.5	100.5	0.0	0.095	0.556	0.718	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
181	181$_{dd}$	0.25	0.25	0.125	0.25	0.125	0.187	90	0.25	0.25	0.124	41.3	−1.9	10.5	10.7	100.5	0.0	0.074	0.336	0.72	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
182	182$_{dd}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	41.8	0.0	0.0	0.0	0.0	0.0	0.032	0.082	0.716	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
183	183$_{dd}$	0.25	0.25	0.375	0.375	0.125	0.312	270	0.249	0.249	0.375	42.9	2.1	−5.5	5.9	290.8	0.03	0.103	0.0	0.682	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
184	184$_{dd}$	0.25	0.25	0.5	0.5	0.25	0.375	270	0.249	0.249	0.5	44.0	4.2	−11.1	11.9	290.8	0.128	0.213	0.0	0.624	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
185	185$_{dd}$	0.25	0.25	0.625	0.625	0.375	0.437	270	0.25	0.25	0.625	45.1	6.3	−16.7	17.8	290.8	0.26	0.334	0.0	0.532	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
186	186$_{dd}$	0.25	0.25	0.75	0.75	0.5	0.5	270	0.25	0.25	0.75	46.2	8.4	−22.3	23.8	290.8	0.364	0.428	0.0	0.425	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
187	187$_{dd}$	0.25	0.25	0.875	0.875	0.625	0.562	270	0.25	0.25	0.875	47.2	10.5	−27.8	29.8	290.8	0.474	0.525	0.0	0.292	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
188	188$_{dd}$	0.25	0.25	1.0	1.0	0.75	0.625	270	0.25	0.25	1.0	48.3	12.7	−33.4	35.7	290.8	0.534	0.55	0.0	0.17	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
189	189$_{dd}$	0.25	0.375	0.0	0.375	0.375	0.187	109	0.256	0.375	0.0	46.6	−10.3	28.7	30.5	109.8	0.102	0.0	0.664	0.647	108	0.683	1.0	0.0	84.6	−27.6	76.5	81.3	109.8
190	190$_{dd}$	0.25	0.375	0.125	0.375	0.25	0.25	120	0.25	0.375	0.124	44.6	−10.4	13.7	17.2	127.3	0.198	0.0	0.485	0.653	119	0.5	1.0	0.0	70.9	−41.7	54.8	68.9	127.3
191	191$_{dd}$	0.25	0.375	0.25	0.375	0.125	0.312	150	0.249	0.375	0.249	45.6	−8.4	3.8	9.2	155.5	0.189	0.0	0.293	0.641	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
192	192$_{dd}$	0.25	0.375	0.375	0.375	0.125	0.312	210	0.249	0.375	0.375	45.5	−3.7	−5.3	6.5	235.1	0.109	0.0	0.04	0.661	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1
193	193$_{dd}$	0.25	0.375	0.5	0.5	0.25	0.375	240	0.249	0.375	0.5	47.4	−3.3	−12.3	12.7	254.9	0.222	0.097	0.0	0.594	240	0.0	0.5	1.0	46.1	−13.3	−49.4	51.1	254.9
194	194$_{dd}$	0.25	0.375	0.625	0.625	0.375	0.437	251	0.25	0.368	0.625	47.6	−0.8	−18.4	18.4	267.3	0.326	0.228	0.0	0.514	251	0.0	0.316	1.0	39.3	−2.3	−49.1	49.1	267.3
195	195$_{dd}$	0.25	0.375	0.75	0.75	0.5	0.5	256	0.25	0.366	0.75	48.2	1.6	−24.1	24.2	273.8	0.436	0.354	0.0	0.399	257	0.0	0.233	1.0	36.6	3.2	−48.3	48.4	273.8
196	196$_{dd}$	0.25	0.375	0.875	0.875	0.625	0.562	259	0.25	0.364	0.875	49.3	3.8	−29.7	29.9	277.3	0.544	0.458	0.0	0.256	260	0.0	0.183	1.0	35.9	6.1	−47.5	47.9	277.3
197	197$_{dd}$	0.25	0.375	1.0	1.0	0.75	0.625	261	0.25	0.362	1.0	50.5	6.0	−35.1	35.6	279.6	0.582	0.491	0.0	0.151	262	0.0	0.15	1.0	35.4	8.0	−46.9	47.5	279.6
198	198$_{dd}$	0.25	0.5	0.0	0.5	0.5	0.25	120	0.25	0.5	0.0	47.4	−20.8	27.4	34.4	127.3	0.349	0.0	0.75	0.532	119	0.5	1.0	0.0	70.9	−41.7	54.8	68.9	127.3
199	199$_{dd}$	0.25	0.5	0.125	0.5	0.375	0.312	131	0.243	0.5	0.124	47.8	−19.5	16.7	25.7	139.4	0.369	0.0	0.619	0.544	131	0.316	1.0	0.0	63.8	−52.2	44.7	68.7	139.4
200	200$_{dd}$	0.25	0.5	0.25	0.5	0.25	0.375	150	0.249	0.5	0.249	49.4	−16.9	7.7	18.5	155.5	0.346	0.0	0.444	0.531	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
201	201$_{dd}$	0.25	0.5	0.375	0.5	0.25	0.375	180	0.249	0.5	0.375	49.6	−12.8	−2.2	13.0	189.8	0.322	0.0	0.26	0.548	180	0.0	1.0	0.5	55.0	−51.4	−8.9	52.2	189.8
202	202$_{dd}$	0.25	0.5	0.5	0.5	0.25	0.375	210	0.249	0.5	0.5	49.1	−7.5	−10.7	13.1	235.1	0.245	0.0	0.027	0.588	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1
203	203$_{dd}$	0.25	0.5	0.625	0.625	0.375	0.437	229	0.25	0.506	0.625	52.2	−8.7	−18.2	20.2	244.5	0.355	0.057	0.0	0.502	228	0.0	0.683	1.0	51.6	−23.2	−48.6	53.9	244.5
204	204$_{dd}$	0.25	0.5	0.75	0.75	0.5	0.5	240	0.25	0.5	0.75	53.0	−6.6	−24.7	25.5	254.9	0.466	0.203	0.0	0.379	240	0.0	0.5	1.0	46.1	−13.3	−49.4	51.1	254.9
205	205$_{dd}$	0.25	0.5	0.875	0.875	0.625	0.562	247	0.25	0.489	0.875	53.0	−4.2	−30.8	31.1	262.1	0.586	0.354	0.0	0.225	247	0.0	0.383	1.0	41.7	−6.8	−49.3	49.7	262.1
206	206$_{dd}$	0.25	0.5	1.0	1.0	0.75	0.625	251	0.25	0.487	1.0	53.4	−1.7	−36.8	36.8	267.3	0.632	0.417	0.0	0.094	251	0.0	0.316	1.0	39.3	−2.3	−49.1	49.1	267.3
207	207$_{dd}$	0.25	0.625	0.0	0.625	0.625	0.312	127	0.239	0.625	0.0	50.7	−29.5	30.3	42.3	134.2	0.461	0.0	0.812	0.422	127	0.383	1.0	0.0	66.8	−47.2	48.5	67.7	134.2
208	208$_{dd}$	0.25	0.625	0.125	0.625	0.5	0.375	136	0.241	0.625	0.125	51.0	−28.9	19.8	35.1	145.5	0.502	0.0	0.695	0.421	137	0.233	1.0	0.0	60.1	−57.9	39.6	70.2	145.5
209	209$_{dd}$	0.25	0.625	0.25	0.625	0.375	0.437	150	0.25	0.625	0.25	53.2	−25.3	11.5	27.8	155.5	0.471	0.0	0.548	0.41	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
210	210$_{dd}$	0.25	0.625	0.375	0.625	0.375	0.437	169	0.25	0.625	0.368	53.2	−22.5	2.1	22.6	174.6	0.48	0.0	0.416	0.419	168	0.0	1.0	0.316	54.3	−60.1	5.6	60.3	174.6
211	211$_{dd}$	0.25	0.625	0.5	0.625	0.375	0.437	191	0.25	0.625	0.506	53.6	−15.8	−8.8	18.0	209.1	0.416	0.0	0.204	0.463	191	0.0	1.0	0.683	55.2	−42.1	−23.4	48.2	209.1
212	212$_{dd}$	0.25	0.625	0.625	0.625	0.375	0.437	210	0.25	0.625	0.625	52.8	−11.2	−16.1	19.6	235.1	0.359	0.0	0.025	0.509	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1
213	213$_{dd}$	0.25	0.625	0.75	0.75	0.5	0.5	224	0.25	0.633	0.75	56.3	−13.1	−23.6	26.9	240.9	0.478	0.052	0.0	0.38	222	0.0	0.766	1.0	52.9	−26.2	−47.2	53.9	240.9
214	214$_{dd}$	0.25	0.625	0.875	0.875	0.625	0.562	233	0.25	0.635	0.875	58.3	−12.6	−30.9	33.4	247.7	0.608	0.196	0.0	0.202	232	0.0	0.616	1.0	50.2	−20.2	−49.5	53.5	247.7
215	215$_{dd}$	0.25	0.625	1.0	1.0	0.75	0.625	240	0.25	0.625	1.0	58.5	−9.9	−37.0	38.3	254.9	0.643	0.309	0.0	0.029	240	0.0	0.5	1.0	46.1	−13.3	−49.4	51.1	254.9
216	216$_{dd}$	0.25	0.75	0.0	0.75	0.75	0.375	131	0.237	0.75	0.0	53.8	−39.1	33.5	51.5	139.4	0.569	0.0	0.88	0.317	131	0.316	1.0	0.0	63.8	−52.2	44.7	68.7	139.4
217	217$_{dd}$	0.25	0.75	0.125	0.75	0.625	0.437	139	0.239	0.75	0.125	54.6	−37.4	23.3	44.1	148.1	0.607	0.0	0.77	0.296	140	0.183	1.0	0.0	58.7	−59.9	37.3	70.6	148.1
218	218$_{dd}$	0.25	0.75	0.25	0.75	0.5	0.5	150	0.25	0.75	0.25	57.0	−33.8	15.4	37.1	155.5	0.586	0.0	0.642	0.285	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
219	219$_{dd}$	0.25	0.75	0.375	0.75	0.5	0.5	164	0.25	0.75	0.366	56.8	−31.8	7.0	32.6	167.4	0.608	0.0	0.528	0.291	162	0.0	1.0	0.233	53.7	−63.6	14.1	65.2	167.4
220	220$_{dd}$	0.25	0.75	0.5	0.75	0.5	0.5	180	0.25	0.75	0.5	57.4	−25.7	−4.4	26.1	189.8	0.574	0.0	0.351	0.32	180	0.0	1.0	0.5	55.0	−51.4	−8.9	52.2	189.8
221	221$_{dd}$	0.25	0.75	0.625	0.75	0.5	0.5	196	0.25	0.75	0.633	57.4	−19.6	−13.9	24.0	215.4	0.523	0.0	0.187	0.358	197	0.0	1.0	0.766	55.1	−39.2	−27.9	48.1	215.4
222	222$_{dd}$	0.25	0.75	0.75	0.75	0.5	0.5	210	0.25	0.75	0.75	56.4	−15.0	−21.5	26.2	235.1	0.477	0.0	0.015	0.398	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1
223	223$_{dd}$	0.25	0.75	0.875	0.875	0.625	0.562	221	0.25	0.76	0.875	60.0	−16.9	−28.7	33.3	239.5	0.6	0.056	0.0	0.253	219	0.0	0.816	1.0	53.0	−27.0	−46.0	53.4	239.5
224	224$_{dd}$	0.25	0.75	1.0	1.0	0.75	0.625	229	0.25	0.762	1.0	62.7	−17.4	−36.5	40.4	244.5	0.681	0.19	0.0	0.037	228	0.0	0.683	1.0	51.6	−23.2	−48.6	53.9	244.5
225	225$_{dd}$	0.25	0.875	0.0	0.875	0.875	0.437	134	0.233	0.875	0.0	56.7	−49.0	36.3	61.0	143.4	0.672	0.0	0.932	0.236	135	0.266	1.0	0.0	61.4	−56.0	41.5	69.7	143.4
226	226$_{dd}$	0.25	0.875	0.125	0.875	0.75	0.5	141	0.237	0.875	0.125	58.2	−45.9	26.7	53.1	149.7	0.678	0.0	0.806	0.201	142	0.15	1.0	0.0	57.7	−61.2	35.6	70.9	149.7
227	227$_{dd}$	0.25	0.875	0.25	0.875	0.625	0.562	150	0.25	0.875	0.25	60.9	−42.3	19.2	46.4	155.5	0.657	0.0	0.689	0.187	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
228	228$_{dd}$	0.25	0.875	0.375	0.875	0.625	0.562	161	0.25	0.875	0.364	60.5	−40.6	11.3	42.2	164.4	0.681	0.0	0.592	0.19	159	0.0	1.0	0.183	53.8	−65.0	18.1	67.5	164.4
229	229$_{dd}$	0.25	0.875	0.5	0.875	0.625	0.562	173	0.25	0.875	0.489	61.1	−35.3	−0.3	35.3	180.6	0.676	0.0	0.439	0.199	172	0.0	1.0	0.383	54.7	−56.5	−0.6	56.5	180.6
230	230$_{dd}$	0.25	0.875	0.625	0.875	0.625	0.562	187	0.25	0.875	0.635	61.5	−27.9	−12.1	30.4	203.4	0.652	0.0	0.278	0.221	187	0.0	1.0	0.616	55.3	−44.7	−19.4	48.7	203.4
231	231$_{dd}$	0.25	0.875	0.75	0.875	0.625	0.562	199	0.25	0.875	0.76	61.2	−23.8	−18.9	30.4	218.4	0.64	0.0	0.184	0.238	200	0.0	1.0	0.816	54.8	−38.1	−30.3	48.7	218.4
232	232$_{dd}$	0.25	0.875	0.875	0.875	0.625	0.562	210	0.25	0.875	0.875	60.1	−18.7	−26.9	32.8	235.1	0.599	0.0	0.008	0.279	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1
233	233$_{dd}$	0.25	0.875	1.0	1.0	0.75	0.625	219	0.25	0.887	1.0	63.7	−20.6	−33.9	39.7	238.6	0.68	0.065	0.0	0.105	217	0.0	0.85	1.0	53.0	−27.5	−45.3	53.0	238.6
234	234$_{dd}$	0.25	1.0	0.0	1.0	1.0	0.5	136	0.233	1.0	0.0	60.1	−57.9	39.6	70.2	145.5	0.763	0.0	1.0	0.0	137	0.233	1.0	0.0	60.1	−57.9	39.6	70.2	145.5
235	235$_{dd}$	0.25	1.0	0.125	1.0	0.875	0.562	142	0.241	1.0	0.125	62.0	−54.1	30.4	62.1	150.6	0.718	0.0	0.813	0.125	142	0.133	1.0	0.0	57.2	−61.9	34.8	71.0	150.6
236	236$_{dd}$	0.25	1.0	0.25	1.0	0.75	0.625	150	0.25	1.0	0.25	64.7	−50.7	23.1	55.7	155.5	0.702	0.0	0.707	0.125	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
237	237$_{dd}$	0.25	1.0	0.375	1.0	0.75	0.625	159	0.25	1.0	0.362	64.3	−49.4	15.6	51.8	162.4	0.718	0.0	0.628	0.125	157	0.0	1.0	0.15	53.8	−65.8	20.8	69.1	162.4
238	238$_{dd}$	0.25	1.0	0.5	1.0	0.75	0.625	169	0.25	1.0	0.487	64.6	−45.0	4.2	45.2	174.6	0.722	0.0	0.5	0.125	168	0.0	1.0	0.316	54.3	−60.1	5.6	60.3	174.6
239	239$_{dd}$	0.25	1.0	0.625	1.0	0.75	0.625	180	0.25	1.0	0.625	65.2	−38.6	−6.6	39.1	189.8	0.702	0.0	0.369	0.125	180	0.0	1.0	0.5	55.0	−51.4	−8.9	52.2	189.8
240	240$_{dd}$	0.25	1.0	0.75	1.0	0.75	0.625	191	0.25	1.0	0.762	65.4	−31.6	−17.6	36.1	209.1	0.688	0.0	0.254	0.0	191	0.0	1.0	0.683	55.2	−42.1	−23.4	48.2	209.1
241	241$_{dd}$	0.25	1.0	0.875	1.0	0.75	0.625	201	0.25	1.0	0.887	64.9	−28.0	−23.9	36.8	220.4	0.701	0.0	0.18	0.016	202	0.0	1.0	0.85	54.6	−37.3	−31.9	49.1	220.4
242	242$_{dd}$	0.25	1.0	1.0	1.0	0.75	0.625	210	0.25	1.0	1.0	63.8	−22.5	−32.3	39.3	235.1	0.677	0.004	0.0	0.142	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1

delta

4−1031030−F0

PI490−7N, 11/22−F

vedi file simili: http://farbe.li.tu-berlin.de/PI49/PI49.HTM
informazioni tecniche: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

iscrizione TUB: 20160501-PI49/PI49L0FA.TXT /.PS
Applicatione per la misura dell'output output della stampante laser, separazione cmyn6* (CMYK)
TUB materiale: code=rha4ta

Grafico TUB-PI49; grafico per il test colori e la differenza, $\Delta E'^*$, 3D=1, de=0, *cmyk**

Input: *rgb/cmyk* −> *rgb*$_{dd}$
Output: 3D-linearizzazione a *cmyk**$_{dd}$

n	HIC*$_{Fdd}$	*rgb*$_{Fdd}$			*ict*$_{Fdd}$			h_{si_Fdd}	*rgb**$_{Fdd}$			*LabCh**$_{Fdd}$					*cmyn**$_{sep,Fdd}$				$h_{siM,dd}$	*rgb**$_{Mdd}$			*LabCh**$_{Mdd}$				
243	243$_{dd}$	0.375	0.0	0.0	0.375	0.375	0.187	390	0.375	0.0	0.0	32.7	21.4	14.1	25.7	33.4	0.0	0.736	0.635	0.64	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
244	244$_{dd}$	0.375	0.0	0.125	0.375	0.375	0.187	371	0.375	0.0	0.118	32.7	21.2	8.7	22.9	22.3	0.0	0.728	0.493	0.653	371	1.0	0.0	0.316	47.4	56.5	23.2	61.1	22.3
245	245$_{dd}$	0.375	0.0	0.25	0.375	0.375	0.187	349	0.375	0.0	0.256	33.1	23.7	−0.6	23.7	358.3	0.0	0.703	0.274	0.656	348	1.0	0.0	0.683	48.6	63.2	−1.8	63.2	358.3
246	246$_{dd}$	0.375	0.0	0.375	0.375	0.375	0.187	330	0.375	0.0	0.375	32.9	24.5	−4.7	24.9	348.9	0.0	0.693	0.169	0.665	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
247	247$_{dd}$	0.375	0.0	0.5	0.5	0.5	0.25	316	0.383	0.0	0.5	33.1	27.9	−10.4	29.8	339.4	0.008	0.714	0.0	0.661	317	0.766	0.0	1.0	42.4	55.8	−20.9	59.6	339.4
248	248$_{dd}$	0.375	0.0	0.625	0.625	0.625	0.312	307	0.385	0.0	0.625	33.3	30.0	−17.2	34.6	330.2	0.224	0.791	0.0	0.544	307	0.616	0.0	1.0	38.9	48.1	−27.5	55.4	330.2
249	249$_{dd}$	0.375	0.0	0.75	0.75	0.75	0.375	300	0.375	0.0	0.75	33.8	32.3	−23.1	39.8	324.4	0.354	0.846	0.0	0.414	300	0.5	0.0	1.0	37.2	43.1	−30.8	53.0	324.4
250	250$_{dd}$	0.375	0.0	0.875	0.875	0.875	0.437	295	0.364	0.0	0.875	33.8	34.9	−29.5	45.7	319.8	0.481	0.92	0.0	0.28	294	0.416	0.0	1.0	35.2	39.9	−33.7	52.2	319.8
251	251$_{dd}$	0.375	0.0	1.0	1.0	1.0	0.5	292	0.366	0.0	1.0	34.0	37.7	−35.3	51.7	316.8	0.631	1.0	0.0	0.0	291	0.366	0.0	1.0	34.0	37.7	−35.3	51.7	316.8
252	252$_{dd}$	0.375	0.125	0.0	0.375	0.375	0.187	49	0.375	0.118	0.0	38.0	13.3	21.8	25.5	58.6	0.0	0.557	0.701	0.609	48	1.0	0.316	0.0	61.6	35.5	58.2	68.2	58.6
253	253$_{dd}$	0.375	0.125	0.125	0.375	0.25	0.25	390	0.375	0.124	0.124	38.7	14.3	9.4	17.1	33.4	0.0	0.53	0.432	0.631	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
254	254$_{dd}$	0.375	0.125	0.25	0.375	0.25	0.25	360	0.375	0.124	0.25	38.8	14.7	2.6	14.9	10.0	0.0	0.482	0.281	0.642	360	1.0	0.0	0.5	47.8	58.9	10.4	59.9	10.0
255	255$_{dd}$	0.375	0.125	0.375	0.375	0.25	0.25	330	0.375	0.124	0.375	38.9	16.3	−3.1	16.6	348.9	0.0	0.477	0.145	0.646	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
256	256$_{dd}$	0.375	0.125	0.5	0.5	0.375	0.312	311	0.381	0.124	0.5	39.0	19.3	−9.2	21.4	334.4	0.0	0.5	0.005	0.644	311	0.683	0.0	1.0	40.4	51.6	−24.7	57.2	334.4
257	257$_{dd}$	0.375	0.125	0.625	0.625	0.5	0.375	300	0.375	0.125	0.625	39.5	21.5	−15.4	26.5	324.4	0.18	0.589	0.0	0.544	300	0.5	0.0	1.0	37.2	43.1	−30.8	53.0	324.4
258	258$_{dd}$	0.375	0.125	0.75	0.75	0.625	0.437	293	0.364	0.125	0.75	39.4	24.1	−21.7	32.4	317.9	0.322	0.681	0.0	0.421	292	0.383	0.0	1.0	34.4	38.5	−34.7	51.9	317.9
259	259$_{dd}$	0.375	0.125	0.875	0.875	0.75	0.5	289	0.362	0.125	0.875	39.5	26.0	−27.9	38.2	312.9	0.452	0.776	0.0	0.292	288	0.316	0.0	1.0	32.7	34.7	−37.2	50.9	312.9
260	260$_{dd}$	0.375	0.125	1.0	1.0	0.875	0.562	286	0.358	0.125	1.0	39.5	27.6	−34.0	43.8	309.1	0.536	0.777	0.0	0.166	284	0.266	0.0	1.0	31.4	31.6	−38.8	50.1	309.1
261	261$_{dd}$	0.375	0.25	0.0	0.375	0.375	0.187	71	0.375	0.256	0.0	44.4	2.0	27.7	27.8	85.7	0.0	0.296	0.671	0.616	71	1.0	0.683	0.0	78.6	5.4	73.9	74.1	85.7
262	262$_{dd}$	0.375	0.25	0.125	0.375	0.25	0.25	60	0.375	0.25	0.124	44.5	4.8	16.5	17.2	73.8	0.0	0.317	0.494	0.628	59	1.0	0.5	0.0	70.5	19.2	66.2	69.0	73.8
263	263$_{dd}$	0.375	0.25	0.25	0.375	0.125	0.312	390	0.375	0.249	0.249	44.8	7.1	4.7	8.5	33.4	0.0	0.274	0.266	0.628	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
264	264$_{dd}$	0.375	0.25	0.375	0.375	0.125	0.312	330	0.375	0.249	0.375	44.8	8.1	−1.5	8.3	348.9	0.0	0.257	0.126	0.633	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
265	265$_{dd}$	0.375	0.25	0.5	0.5	0.25	0.375	300	0.375	0.249	0.5	45.1	10.7	−7.7	13.2	324.4	0.0	0.274	0.004	0.627	300	0.5	0.0	1.0	37.2	43.1	−30.8	53.0	324.4
266	266$_{dd}$	0.375	0.25	0.625	0.625	0.375	0.437	289	0.368	0.25	0.625	45.1	13.0	−13.9	19.1	312.9	0.154	0.393	0.0	0.539	288	0.316	0.0	1.0	32.7	34.7	−37.2	50.9	312.9
267	267$_{dd}$	0.375	0.25	0.75	0.75	0.5	0.5	284	0.366	0.25	0.75	45.4	14.8	−19.9	24.8	306.6	0.279	0.481	0.0	0.439	282	0.233	0.0	1.0	31.1	29.6	−39.8	49.6	306.6
268	268$_{dd}$	0.375	0.25	0.875	0.875	0.625	0.562	281	0.364	0.25	0.875	46.5	16.8	−25.6	30.6	303.2	0.402	0.576	0.0	0.302	279	0.183	0.0	1.0	31.3	26.8	−41.0	49.0	303.2
269	269$_{dd}$	0.375	0.25	1.0	1.0	0.75	0.625	279	0.362	0.25	1.0	47.5	18.7	−31.3	36.5	300.9	0.468	0.598	0.0	0.173	278	0.15	0.0	1.0	31.4	25.0	−41.7	48.6	300.9
270	270$_{dd}$	0.375	0.375	0.0	0.375	0.375	0.187	90	0.375	0.375	0.0	49.2	−5.9	31.7	32.3	100.5	0.0	0.083	0.65	0.635	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
271	271$_{dd}$	0.375	0.375	0.125	0.375	0.25	0.25	90	0.375	0.375	0.124	49.7	−3.9	21.1	21.5	100.5	0.0	0.087	0.479	0.636	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
272	272$_{dd}$	0.375	0.375	0.25	0.375	0.125	0.312	90	0.375	0.375	0.249	50.3	−1.9	10.5	10.7	100.5	0.0	0.077	0.298	0.626	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
273	273$_{dd}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	50.8	0.0	0.0	0.0	0.0	0.0	0.026	0.052	0.629	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
274	274$_{dd}$	0.375	0.375	0.5	0.5	0.125	0.437	270	0.375	0.375	0.5	51.9	2.1	−5.5	5.9	290.8	0.046	0.1	0.0	0.578	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
275	275$_{dd}$	0.375	0.375	0.625	0.625	0.25	0.5	270	0.375	0.375	0.625	53.0	4.2	−11.1	11.9	290.8	0.113	0.187	0.0	0.511	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
276	276$_{dd}$	0.375	0.375	0.75	0.75	0.375	0.562	270	0.375	0.375	0.75	54.1	6.3	−16.7	17.8	290.8	0.238	0.289	0.0	0.407	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
277	277$_{dd}$	0.375	0.375	0.875	0.875	0.5	0.625	270	0.375	0.375	0.875	55.2	8.4	−22.3	23.8	290.8	0.349	0.395	0.0	0.27	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
278	278$_{dd}$	0.375	0.375	1.0	1.0	0.625	0.687	270	0.375	0.375	1.0	56.2	10.5	−27.8	29.8	290.8	0.409	0.442	0.0	0.162	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
279	279$_{dd}$	0.375	0.5	0.0	0.5	0.5	0.25	104	0.383	0.5	0.0	57.1	−10.4	43.2	44.5	103.6	0.039	0.0	0.753	0.529	102	0.766	1.0	0.0	90.4	−20.9	86.5	89.0	103.6
280	280$_{dd}$	0.375	0.5	0.125	0.5	0.375	0.312	109	0.381	0.5	0.124	55.6	−10.3	28.7	30.5	109.8	0.075	0.0	0.565	0.581	108	0.683	1.0	0.0	84.6	−27.6	76.5	81.3	109.8
281	281$_{dd}$	0.375	0.5	0.25	0.5	0.25	0.375	120	0.375	0.5	0.249	53.6	−10.4	13.7	17.2	127.3	0.155	0.0	0.407	0.568	119	0.5	1.0	0.0	70.9	−41.7	54.8	68.9	127.3
282	282$_{dd}$	0.375	0.5	0.375	0.5	0.125	0.437	150	0.375	0.5	0.375	54.6	−8.4	3.8	9.2	155.5	0.184	0.0	0.248	0.547	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
283	283$_{dd}$	0.375	0.5	0.5	0.5	0.125	0.437	210	0.375	0.5	0.5	54.5	−3.7	−5.3	6.5	235.1	0.117	0.0	0.031	0.561	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1
284	284$_{dd}$	0.375	0.5	0.625	0.625	0.25	0.5	240	0.375	0.5	0.625	56.4	−3.3	−12.3	12.7	254.9	0.184	0.064	0.0	0.499	240	0.0	0.5	1.0	46.1	−13.3	−49.4	51.1	254.9
285	285$_{dd}$	0.375	0.5	0.75	0.75	0.375	0.562	251	0.375	0.493	0.75	56.6	−0.8	−18.4	18.4	267.3	0.294	0.2	0.0	0.392	251	0.0	0.316	1.0	39.3	−2.3	−49.1	49.1	267.3
286	286$_{dd}$	0.375	0.5	0.875	0.875	0.5	0.625	256	0.375	0.491	0.875	57.2	1.6	−24.1	24.2	273.8	0.417	0.331	0.0	0.247	257	0.0	0.233	1.0	36.6	3.2	−48.3	48.4	273.8
287	287$_{dd}$	0.375	0.5	1.0	1.0	0.625	0.687	259	0.375	0.489	1.0	58.3	3.8	−29.7	29.9	277.3	0.469	0.386	0.0	0.145	260	0.0	0.183	1.0	35.9	6.1	−47.5	47.9	277.3
288	288$_{dd}$	0.375	0.625	0.0	0.625	0.625	0.312	113	0.385	0.625	0.0	58.5	−20.3	41.9	46.6	115.8	0.291	0.0	0.82	0.406	112	0.616	1.0	0.0	79.3	−32.5	67.1	74.6	115.8
289	289$_{dd}$	0.375	0.625	0.125	0.625	0.5	0.375	120	0.375	0.625	0.125	56.4	−20.8	27.4	34.4	127.3	0.339	0.0	0.682	0.454	119	0.5	1.0	0.0	70.9	−41.7	54.8	68.9	127.3
290	290$_{dd}$	0.375	0.625	0.25	0.625	0.375	0.437	131	0.368	0.625	0.25	56.8	−19.5	16.7	25.7	139.4	0.339	0.0	0.545	0.445	131	0.316	1.0	0.0	63.8	−52.2	44.7	68.7	139.4
291	291$_{dd}$	0.375	0.625	0.375	0.625	0.25	0.5	150	0.375	0.625	0.375	58.4	−16.9	7.7	18.5	155.5	0.317	0.0	0.405	0.439	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
292	292$_{dd}$	0.375	0.625	0.5	0.625	0.25	0.5	180	0.375	0.625	0.5	58.6	−12.8	−2.2	13.0	189.8	0.286	0.0	0.23	0.457	180	0.0	1.0	0.5	55.0	−51.4	−8.9	52.2	189.8
293	293$_{dd}$	0.375	0.625	0.625	0.625	0.25	0.5	210	0.375	0.625	0.625	58.1	−7.5	−10.7	13.1	235.1	0.212	0.0	0.033	0.498	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1
294	294$_{dd}$	0.375	0.625	0.75	0.75	0.375	0.562	229	0.375	0.631	0.75	61.2	−8.7	−18.2	20.2	244.5	0.316	0.06	0.0	0.382	228	0.0	0.683	1.0	51.6	−23.2	−48.6	53.9	244.5
295	295$_{dd}$	0.375	0.625	0.875	0.875	0.5	0.625	240	0.375	0.625	0.875	61.9	−6.6	−24.7	25.5	254.9	0.448	0.21	0.0	0.236	240	0.0	0.5	1.0	46.1	−13.3	−49.4	51.1	254.9
296	296$_{dd}$	0.375	0.625	1.0	1.0	0.625	0.687	247	0.375	0.614	1.0	62.0	−4.2	−30.8	31.1	262.1	0.516	0.31	0.0	0.071	247	0.0	0.383	1.0	41.7	−6.8	−49.3	49.7	262.1
297	297$_{dd}$	0.375	0.75	0.0	0.75	0.75	0.375	120	0.375	0.75	0.0	59.2	−31.3	41.1	51.6	127.3	0.442	0.0	0.887	0.297	119	0.5	1.0	0.0	70.9	−41.7	54.8	68.9	127.3
298	298$_{dd}$	0.375	0.75	0.125	0.75	0.625	0.437	127	0.364	0.75	0.125	59.7	−29.5	30.3	42.3	134.2	0.451	0.0	0.756	0.329	127	0.383	1.0	0.0	66.8	−47.2	48.5	67.7	134.2
299	299$_{dd}$	0.375	0.75	0.25	0.75	0.5	0.5	136	0.366	0.75	0.25	59.9	−28.9	19.8	35.1	145.5	0.465	0.0	0.643	0.315	137	0.233	1.0	0.0	60.1	−57.9	39.6	70.2	145.5
300	300$_{dd}$	0.375	0.75	0.375	0.75	0.375	0.562	150	0.375	0.75	0.375	62.2	−25.3	11.5	27.8	155.5	0.422	0.0	0.515	0.313	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
301	301$_{dd}$	0.375	0.75	0.5	0.75	0.375	0.562	169	0.375	0.75	0.493	62.2	−22.5	2.1	22.6	174.6	0.419	0.0	0.385	0.325	168	0.0	1.0	0.316	54.3	−60.1	5.6	60.3	174.6
302	302$_{dd}$	0.375	0.75	0.625	0.75	0.375	0.562	191	0.375	0.75	0.631	62.6	−15.8	−8.8	18.0	209.1	0.369	0.0	0.185	0.361	191	0.0	1.0	0.683	55.2	−42.1	−23.4	48.2	209.1
303	303$_{dd}$	0.375	0.75	0.75	0.75	0.375	0.562	210	0.375	0.75	0.75	61.8	−11.2	−16.1	19.6	235.1	0.312	0.0	0.012	0.401	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1
304	304$_{dd}$	0.375	0.75	0.875	0.875	0.5	0.625	224	0.375	0.758	0.875	65.3	−13.1	−23.6	26.9	240.9	0.446	0.073	0.0	0.258	222	0.0	0.766	1.0	52.9	−26.2	−47.2	53.9	240.9
305	305$_{dd}$	0.375	0.75	1.0	1.0	0.625	0.687	233	0.375	0.76	1.0	67.3	−12.6	−30.9	33.4	247.7	0.545	0.213	0.0	0.037	232	0.0	0.616	1.0	50.2	−20.2	−49.5	53.5	247.7
306	306$_{dd}$	0.375	0.875	0.0	0.875	0.875	0.437	125	0.364	0.875	0.0	62.5	−40.0	44.0	59.5	132.2	0.537	0.0	0.936	0.19	125	0.416	1.0	0.0	68.0	−45.7	50.3	68.0	132.2
307	307$_{dd}$	0.375	0.875	0.125	0.875	0.75	0.5	131	0.362	0.875	0.125	62.8	−39.1	33.5	51.5	139.4	0.553	0.0	0.813	0.21	131	0.316	1.0	0.0	63.8	−52.2	44.7	68.7	139.4
308	308$_{dd}$	0.375	0.875	0.25	0.875	0.625	0.562	139	0.364	0.875	0.25	63.6	−37.4	23.3	44.1	148.1	0.566	0.0	0.703	0.198	140	0.183	1.0	0.0	58.7	−59.9	37.3	70.6	148.1
309	309$_{dd}$	0.375	0.875	0.375	0.875	0.5	0.625	150	0.375	0.875	0.375	66.0	−33.8	15.4	37.1	155.5	0.54	0.0	0.588	0.188	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
310	310$_{dd}$	0.375	0.875	0.5	0.875	0.5	0.625	164	0.375	0.875	0.491	65.8	−31.8	7.0	32.6	167.4	0.554	0.0	0.48	0.195	162	0.0	1.0	0.233	53.7	−63.6	14.1	65.2	167.4
311	311$_{dd}$	0.375	0.875	0.625	0.875	0.5	0.625	180	0.375	0.875	0.625	66.4	−25.7	−4.4	26.1	189.8	0.521	0.0	0.315	0.216	180	0.0	1.0	0.5	55.0	−51.4	−8.9	52.2	189.8
312	312$_{dd}$	0.375	0.875	0.75	0.875	0.5	0.625	196	0.375	0.875	0.758	66.4	−19.6	−13.9	24.0	215.4	0.463	0.0	0.179	0.249	197	0.0	1.0	0.766	55.1	−39.2	−27.9	48.1	215.4
313	313$_{dd}$	0.375	0.875	0.875	0.875	0.5	0.625	210	0.375	0.875	0.875	65.4	−15.0	−21.5	26.2	235.1	0.425	0.004	0.0	0.295	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1
314	314$_{dd}$	0.375	0.875	1.0	1.0	0.625	0.687	221	0.375	0.885	1.0	69.0	−16.9	−28.7	33.3	239.5	0.53	0.071	0.0	0.129	219	0.0	0.816	1.0	53.0	−27.0	−46.0	53.4	239.5
315	315$_{dd}$	0.375	1.0	0.0	1.0	1.0	0.5	128	0.366	1.0	0.0	66.1	−48.2	47.5	67.7	135.3	0.632	0.0	1.0	0.0	128	0.366	1.0	0.0	66.1	−48.2	47.5	67.7	135.3
316	316$_{dd}$	0.375	1.0	0.125	1.0	0.875	0.562	134	0.358	1.0	0.125	65.7	−49.0	36.3	61.0	143.4	0.634	0.0	0.84	0.125	135	0.266	1.0	0.0	61.4	−56.0	41.5	69.7	143.4
317	317$_{dd}$	0.375	1.0	0.25	1.0	0.75	0.625	141	0.362	1.0	0.25	67.2	−45.9	26.7	53.1	149.7	0.63	0.0	0.723	0.125	142	0.15	1.0	0.0	57.7	−61.2	35.6	70.9	149.7
318	318$_{dd}$	0.375	1.0	0.375	1.0	0.625	0.687	150	0.375	1.0	0.375	69.9	−42.3	19.2	46.4	155.5	0.625	0.0	0.625	0.0	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
319	319$_{dd}$	0.375	1.0	0.5	1.0	0.625	0.687	161	0.375	1.0	0.489	69.5	−40.6	11.3	42.2	164.4	0.624	0.0	0.561	0.125	159	0.0	1.0	0.183	53.8	−65.0	18.1	67.5	164.4
320	320$_{dd}$	0.375	1.0	0.625	1.0	0.625	0.687	173	0.375	1.0	0.614	70.1	−35.3	−0.3	35.3	180.6	0.603	0.0	0.42	0.125	172	0.0	1.0	0.383	54.7	−56.5	−0.6	56.5	180.6
321	321$_{dd}$	0.375	1.0	0.75	1.0	0.625	0.687	187	0.375	1.0	0.76	70.5	−27.9	−12.1	30.4	203.4	0.585	0.0	0.27	0.0	187	0.0	1.0	0.616	55.3	−44.7	−19.4	48.7	203.4
322	322$_{dd}$	0.375	1.0	0.875	1.0	0.625	0.687	199	0.375	1.0	0.885	70.2	−23.8	−18.9	30.4	218.4	0.562	0.0	0.159	0.097	200	0.0	1.0	0.816	54.8	−38.1	−30.3	48.7	218.4
323	323$_{dd}$	0.375	1.0	1.0	1.0	0.625	0.687	210	0.375	1.0	1.0	69.1	−18.7	−26.9	32.8	235.1	0.525	0.01	0.0	0.162	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1
																				delta									

Grafico TUB-PI49; grafico per il test colori e la differenza, $\Delta E'^*$, 3D=1, de=0, *cmyk**

Input: *rgb/cmyk* −> *rgb*$_{dd}$
Output: 3D-linearizzazione a *cmyk**$_{dd}$

vedi file simili: http://farbe.li.tu-berlin.de/PI49/PI49.HTM
informazioni tecniche: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

iscrizione TUB: 20160501-PI49/PI49L0FA.TXT /.PS
Applicatione per la misura dell'output output della stampante laser, separazione cmyn6* (CMYK)
TUB materiale: code=rha4ta

n	HIC*$_{Fdd}$	*rgb*$_{Fdd}$			*ict*$_{Fdd}$			h_{si_Fdd}	*rgb**$_{Fdd}$			*LabCh**$_{Fdd}$					*cmyn**$_{sep,Fdd}$				$h_{siM,dd}$	*rgb**$_{Mdd}$			*LabCh**$_{Mdd}$				
324	324$_{dd}$	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.0	35.7	28.6	18.9	34.3	33.4	0.0	0.803	0.705	0.52	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
325	325$_{dd}$	0.5	0.0	0.125	0.5	0.5	0.25	376	0.5	0.0	0.116	35.7	28.0	14.2	31.4	26.9	0.0	0.802	0.601	0.54	377	1.0	0.0	0.233	47.5	56.0	28.4	62.8	26.9
326	326$_{dd}$	0.5	0.0	0.25	0.5	0.5	0.25	360	0.5	0.0	0.25	35.8	29.4	5.2	29.9	10.0	0.0	0.78	0.415	0.544	360	1.0	0.0	0.5	47.8	58.9	10.4	59.9	10.0
327	327$_{dd}$	0.5	0.0	0.375	0.5	0.5	0.25	344	0.5	0.0	0.383	36.6	32.3	−3.5	32.5	353.7	0.0	0.761	0.215	0.547	342	1.0	0.0	0.766	49.3	64.7	−7.1	65.1	353.7
328	328$_{dd}$	0.5	0.0	0.5	0.5	0.5	0.25	330	0.5	0.0	0.5	36.0	32.7	−6.3	33.3	348.9	0.0	0.757	0.143	0.571	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
329	329$_{dd}$	0.5	0.0	0.625	0.625	0.625	0.312	319	0.51	0.0	0.625	36.3	36.1	−12.0	38.1	341.5	0.035	0.778	0.0	0.535	320	0.816	0.0	1.0	43.9	57.8	−19.3	61.0	341.5
330	330$_{dd}$	0.5	0.0	0.75	0.75	0.75	0.375	311	0.512	0.0	0.75	36.2	38.7	−18.5	42.9	334.4	0.214	0.853	0.0	0.406	311	0.683	0.0	1.0	40.4	51.6	−24.7	57.2	334.4
331	331$_{dd}$	0.5	0.0	0.875	0.875	0.875	0.437	305	0.51	0.0	0.875	36.6	40.8	−24.9	47.9	328.5	0.334	0.921	0.0	0.263	305	0.583	0.0	1.0	38.4	46.7	−28.5	54.7	328.5
332	332$_{dd}$	0.5	0.0	1.0	1.0	1.0	0.5	300	0.5	0.0	1.0	37.2	43.1	−30.8	53.0	324.4	0.498	0.999	0.0	0.0	300	0.5	0.0	1.0	37.2	43.1	−30.8	53.0	324.4
333	333$_{dd}$	0.5	0.125	0.0	0.5	0.5	0.25	44	0.5	0.116	0.0	40.6	21.7	27.2	34.8	51.4	0.0	0.66	0.77	0.477	42	1.0	0.233	0.0	57.4	43.5	54.5	69.7	51.4
334	334$_{dd}$	0.5	0.125	0.125	0.5	0.375	0.312	390	0.5	0.124	0.124	41.7	21.4	14.1	25.7	33.4	0.0	0.642	0.511	0.497	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
335	335$_{dd}$	0.5	0.125	0.25	0.5	0.375	0.312	371	0.5	0.124	0.243	41.7	21.2	8.7	22.9	22.3	0.0	0.613	0.41	0.517	371	1.0	0.0	0.316	47.4	56.5	23.2	61.1	22.3
336	336$_{dd}$	0.5	0.125	0.375	0.5	0.375	0.312	349	0.5	0.124	0.381	42.1	23.7	−0.6	23.7	358.3	0.0	0.593	0.236	0.529	348	1.0	0.0	0.683	48.6	63.2	−1.8	63.2	358.3
337	337$_{dd}$	0.5	0.125	0.5	0.5	0.375	0.312	330	0.5	0.124	0.5	41.9	24.5	−4.7	24.9	348.9	0.0	0.584	0.155	0.542	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
338	338$_{dd}$	0.5	0.125	0.625	0.625	0.5	0.375	316	0.508	0.125	0.625	42.1	27.9	−10.4	29.8	339.4	0.0	0.599	0.002	0.533	317	0.766	0.0	1.0	42.4	55.8	−20.9	59.6	339.4
339	339$_{dd}$	0.5	0.125	0.75	0.75	0.625	0.437	307	0.51	0.125	0.75	42.3	30.0	−17.2	34.6	330.2	0.189	0.675	0.0	0.413	307	0.616	0.0	1.0	38.9	48.1	−27.5	55.4	330.2
340	340$_{dd}$	0.5	0.125	0.875	0.875	0.75	0.5	300	0.5	0.125	0.875	42.8	32.3	−23.1	39.8	324.4	0.328	0.755	0.0	0.268	300	0.5	0.0	1.0	37.2	43.1	−30.8	53.0	324.4
341	341$_{dd}$	0.5	0.125	1.0	1.0	0.875	0.562	295	0.489	0.125	1.0	42.8	34.9	−29.5	45.7	319.8	0.391	0.759	0.0	0.151	294	0.416	0.0	1.0	35.2	39.9	−33.7	52.2	319.8
342	342$_{dd}$	0.5	0.25	0.0	0.5	0.5	0.25	60	0.5	0.25	0.0	47.1	9.6	33.1	34.5	73.8	0.0	0.442	0.766	0.476	59	1.0	0.5	0.0	70.5	19.2	66.2	69.0	73.8
343	343$_{dd}$	0.5	0.25	0.125	0.5	0.375	0.312	49	0.5	0.243	0.124	47.0	13.3	21.8	25.5	58.6	0.0	0.506	0.601	0.48	48	1.0	0.316	0.0	61.6	35.5	58.2	68.2	58.6
344	344$_{dd}$	0.5	0.25	0.25	0.5	0.25	0.375	390	0.5	0.249	0.249	47.7	14.3	9.4	17.1	33.4	0.0	0.464	0.385	0.493	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
345	345$_{dd}$	0.5	0.25	0.375	0.5	0.25	0.375	360	0.5	0.249	0.375	47.8	14.7	2.6	14.9	10.0	0.0	0.426	0.259	0.515	360	1.0	0.0	0.5	47.8	58.9	10.4	59.9	10.0
346	346$_{dd}$	0.5	0.25	0.5	0.5	0.25	0.375	330	0.5	0.249	0.5	47.9	16.3	−3.1	16.6	348.9	0.0	0.415	0.143	0.521	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
347	347$_{dd}$	0.5	0.25	0.625	0.625	0.375	0.437	311	0.506	0.25	0.625	48.0	19.3	−9.2	21.4	334.4	0.0	0.427	0.014	0.517	311	0.683	0.0	1.0	40.4	51.6	−24.7	57.2	334.4
348	348$_{dd}$	0.5	0.25	0.75	0.75	0.5	0.5	300	0.5	0.25	0.75	48.5	21.5	−15.4	26.5	324.4	0.157	0.496	0.0	0.414	300	0.5	0.0	1.0	37.2	43.1	−30.8	53.0	324.4
349	349$_{dd}$	0.5	0.25	0.875	0.875	0.625	0.562	293	0.489	0.25	0.875	48.4	24.1	−21.7	32.4	317.9	0.296	0.608	0.0	0.266	292	0.383	0.0	1.0	34.4	38.5	−34.7	51.9	317.9
350	350$_{dd}$	0.5	0.25	1.0	1.0	0.75	0.625	289	0.487	0.25	1.0	48.5	26.0	−27.9	38.2	312.9	0.37	0.632	0.0	0.165	288	0.316	0.0	1.0	32.7	34.7	−37.2	50.9	312.9
351	351$_{dd}$	0.5	0.375	0.0	0.5	0.5	0.25	76	0.5	0.383	0.0	53.7	−1.4	38.4	38.4	92.2	0.0	0.228	0.742	0.491	77	1.0	0.766	0.0	83.5	−2.9	76.8	76.9	92.2
352	352$_{dd}$	0.5	0.375	0.125	0.5	0.375	0.312	71	0.5	0.381	0.124	53.4	2.0	27.7	27.8	85.7	0.0	0.285	0.6	0.497	71	1.0	0.683	0.0	78.6	5.4	73.9	74.1	85.7
353	353$_{dd}$	0.5	0.375	0.25	0.5	0.25	0.375	60	0.5	0.375	0.249	53.5	4.8	16.5	17.2	73.8	0.0	0.295	0.439	0.496	59	1.0	0.5	0.0	70.5	19.2	66.2	69.0	73.8
354	354$_{dd}$	0.5	0.375	0.375	0.5	0.125	0.437	390	0.5	0.375	0.375	53.8	7.1	4.7	8.5	33.4	0.0	0.268	0.248	0.506	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
355	355$_{dd}$	0.5	0.375	0.5	0.5	0.125	0.437	330	0.5	0.375	0.5	53.8	8.1	−1.5	8.3	348.9	0.0	0.244	0.124	0.514	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
356	356$_{dd}$	0.5	0.375	0.625	0.625	0.25	0.5	300	0.5	0.375	0.625	54.1	10.7	−7.7	13.2	324.4	0.0	0.253	0.015	0.504	300	0.5	0.0	1.0	37.2	43.1	−30.8	53.0	324.4
357	357$_{dd}$	0.5	0.375	0.75	0.75	0.375	0.562	289	0.493	0.375	0.75	54.1	13.0	−13.9	19.1	312.9	0.153	0.342	0.0	0.409	288	0.316	0.0	1.0	32.7	34.7	−37.2	50.9	312.9
358	358$_{dd}$	0.5	0.375	0.875	0.875	0.5	0.625	284	0.491	0.375	0.875	54.4	14.8	−19.9	24.8	306.6	0.275	0.447	0.0	0.278	282	0.233	0.0	1.0	31.1	29.6	−39.8	49.6	306.6
359	359$_{dd}$	0.5	0.375	1.0	1.0	0.625	0.687	281	0.489	0.375	1.0	55.5	16.8	−25.6	30.6	303.2	0.351	0.492	0.0	0.169	279	0.183	0.0	1.0	31.3	26.8	−41.0	49.0	303.2
360	360$_{dd}$	0.5	0.5	0.0	0.5	0.5	0.25	90	0.5	0.5	0.0	57.7	−7.9	42.3	43.0	100.5	0.0	0.051	0.73	0.52	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
361	361$_{dd}$	0.5	0.5	0.125	0.5	0.375	0.312	90	0.5	0.5	0.124	58.2	−5.9	31.7	32.3	100.5	0.0	0.086	0.585	0.523	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
362	362$_{dd}$	0.5	0.5	0.25	0.5	0.25	0.375	90	0.5	0.5	0.249	58.7	−3.9	21.1	21.5	100.5	0.0	0.093	0.437	0.514	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
363	363$_{dd}$	0.5	0.5	0.375	0.5	0.125	0.437	90	0.5	0.5	0.375	59.3	−1.9	10.5	10.7	100.5	0.0	0.069	0.273	0.512	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
364	364$_{dd}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	59.8	0.0	0.0	0.0	0.0	0.0	0.029	0.059	0.51	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
365	365$_{dd}$	0.5	0.5	0.625	0.625	0.125	0.562	270	0.5	0.5	0.625	60.9	2.1	−5.5	5.9	290.8	0.056	0.088	0.0	0.459	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
366	366$_{dd}$	0.5	0.5	0.75	0.75	0.25	0.625	270	0.5	0.5	0.75	62.0	4.2	−11.1	11.9	290.8	0.124	0.172	0.0	0.392	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
367	367$_{dd}$	0.5	0.5	0.875	0.875	0.375	0.687	270	0.5	0.5	0.875	63.1	6.3	−16.7	17.8	290.8	0.239	0.28	0.0	0.264	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
368	368$_{dd}$	0.5	0.5	1.0	1.0	0.5	0.75	270	0.5	0.5	1.0	64.2	8.4	−22.3	23.8	290.8	0.316	0.347	0.0	0.157	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
369	369$_{dd}$	0.5	0.625	0.0	0.625	0.625	0.312	101	0.51	0.625	0.0	66.1	−12.3	54.9	56.2	102.6	0.066	0.0	0.815	0.401	99	0.816	1.0	0.0	91.5	−19.6	87.8	90.0	102.6
370	370$_{dd}$	0.5	0.625	0.125	0.625	0.5	0.375	104	0.508	0.625	0.125	66.1	−10.4	43.2	44.5	103.6	0.02	0.0	0.656	0.442	102	0.766	1.0	0.0	90.4	−20.9	86.5	89.0	103.6
371	371$_{dd}$	0.5	0.625	0.25	0.625	0.375	0.437	109	0.506	0.625	0.25	64.6	−10.3	28.7	30.5	109.8	0.062	0.0	0.508	0.458	108	0.683	1.0	0.0	84.6	−27.6	76.5	81.3	109.8
372	372$_{dd}$	0.5	0.625	0.375	0.625	0.25	0.5	120	0.5	0.625	0.375	62.6	−10.4	13.7	17.2	127.3	0.14	0.0	0.364	0.453	119	0.5	1.0	0.0	70.9	−41.7	54.8	68.9	127.3
373	373$_{dd}$	0.5	0.625	0.5	0.625	0.125	0.562	150	0.5	0.625	0.5	63.6	−8.4	3.8	9.2	155.5	0.151	0.0	0.216	0.435	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
374	374$_{dd}$	0.5	0.625	0.625	0.625	0.125	0.562	210	0.5	0.625	0.625	63.5	−3.7	−5.3	6.5	235.1	0.102	0.0	0.018	0.449	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1
375	375$_{dd}$	0.5	0.625	0.75	0.75	0.25	0.625	240	0.5	0.625	0.75	65.4	−3.3	−12.3	12.7	254.9	0.17	0.062	0.0	0.382	240	0.0	0.5	1.0	46.1	−13.3	−49.4	51.1	254.9
376	376$_{dd}$	0.5	0.625	0.875	0.875	0.375	0.687	251	0.5	0.618	0.875	65.6	−0.8	−18.4	18.4	267.3	0.301	0.202	0.0	0.248	251	0.0	0.316	1.0	39.3	−2.3	−49.1	49.1	267.3
377	377$_{dd}$	0.5	0.625	1.0	1.0	0.5	0.75	256	0.5	0.616	1.0	66.2	1.6	−24.1	24.2	273.8	0.368	0.295	0.0	0.131	257	0.0	0.233	1.0	36.6	3.2	−48.3	48.4	273.8
378	378$_{dd}$	0.5	0.75	0.0	0.75	0.75	0.375	109	0.512	0.75	0.0	69.4	−20.7	57.4	61.0	109.8	0.267	0.0	0.882	0.276	108	0.683	1.0	0.0	84.6	−27.6	76.5	81.3	109.8
379	379$_{dd}$	0.5	0.75	0.125	0.75	0.625	0.437	113	0.51	0.75	0.125	67.5	−20.3	41.9	46.6	115.8	0.273	0.0	0.726	0.321	112	0.616	1.0	0.0	79.3	−32.5	67.1	74.6	115.8
380	380$_{dd}$	0.5	0.75	0.25	0.75	0.5	0.5	120	0.5	0.75	0.25	65.4	−20.8	27.4	34.4	127.3	0.301	0.0	0.609	0.334	119	0.5	1.0	0.0	70.9	−41.7	54.8	68.9	127.3
381	381$_{dd}$	0.5	0.75	0.375	0.75	0.375	0.562	131	0.493	0.75	0.375	65.8	−19.5	16.7	25.7	139.4	0.305	0.0	0.487	0.33	131	0.316	1.0	0.0	63.8	−52.2	44.7	68.7	139.4
382	382$_{dd}$	0.5	0.75	0.5	0.75	0.25	0.625	150	0.5	0.75	0.5	67.4	−16.9	7.7	18.5	155.5	0.294	0.0	0.356	0.322	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
383	383$_{dd}$	0.5	0.75	0.625	0.75	0.25	0.625	180	0.5	0.75	0.625	67.6	−12.8	−2.2	13.0	189.8	0.266	0.0	0.197	0.344	180	0.0	1.0	0.5	55.0	−51.4	−8.9	52.2	189.8
384	384$_{dd}$	0.5	0.75	0.75	0.75	0.25	0.625	210	0.5	0.75	0.75	67.1	−7.5	−10.7	13.1	235.1	0.183	0.0	0.023	0.384	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1
385	385$_{dd}$	0.5	0.75	0.875	0.875	0.375	0.687	229	0.5	0.756	0.875	70.2	−8.7	−18.2	20.2	244.5	0.304	0.072	0.0	0.249	228	0.0	0.683	1.0	51.6	−23.2	−48.6	53.9	244.5
386	386$_{dd}$	0.5	0.75	1.0	1.0	0.5	0.75	240	0.5	0.75	1.0	70.9	−6.6	−24.7	25.5	254.9	0.4	0.21	0.0	0.065	240	0.0	0.5	1.0	46.1	−13.3	−49.4	51.1	254.9
387	387$_{dd}$	0.5	0.875	0.0	0.875	0.875	0.437	115	0.51	0.875	0.0	70.3	−31.0	55.7	63.8	119.1	0.413	0.0	0.933	0.165	114	0.583	1.0	0.0	76.9	−35.5	63.7	72.9	119.1
388	388$_{dd}$	0.5	0.875	0.125	0.875	0.75	0.5	120	0.5	0.875	0.125	68.2	−31.3	41.1	51.6	127.3	0.429	0.0	0.791	0.212	119	0.5	1.0	0.0	70.9	−41.7	54.8	68.9	127.3
389	389$_{dd}$	0.5	0.875	0.25	0.875	0.625	0.562	127	0.489	0.875	0.25	68.7	−29.5	30.3	42.3	134.2	0.42	0.0	0.693	0.208	127	0.383	1.0	0.0	66.8	−47.2	48.5	67.7	134.2
390	390$_{dd}$	0.5	0.875	0.375	0.875	0.5	0.625	136	0.491	0.875	0.375	68.9	−28.9	19.8	35.1	145.5	0.432	0.0	0.585	0.2	137	0.233	1.0	0.0	60.1	−57.9	39.6	70.2	145.5
391	391$_{dd}$	0.5	0.875	0.5	0.875	0.375	0.687	150	0.5	0.875	0.5	71.2	−25.3	11.5	27.8	155.5	0.393	0.0	0.453	0.192	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
392	392$_{dd}$	0.5	0.875	0.625	0.875	0.375	0.687	169	0.5	0.875	0.618	71.2	−22.5	2.1	22.6	174.6	0.406	0.0	0.332	0.2	168	0.0	1.0	0.316	54.3	−60.1	5.6	60.3	174.6
393	393$_{dd}$	0.5	0.875	0.75	0.875	0.375	0.687	191	0.5	0.875	0.756	71.6	−15.8	−8.8	18.0	209.1	0.349	0.0	0.171	0.236	191	0.0	1.0	0.683	55.2	−42.1	−23.4	48.2	209.1
394	394$_{dd}$	0.5	0.875	0.875	0.875	0.375	0.687	210	0.5	0.875	0.875	70.8	−11.2	−16.1	19.6	235.1	0.286	0.0	0.004	0.284	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1
395	395$_{dd}$	0.5	0.875	1.0	1.0	0.5	0.75	224	0.5	0.883	1.0	74.3	−13.1	−23.6	26.9	240.9	0.394	0.073	0.0	0.114	222	0.0	0.766	1.0	52.9	−26.2	−47.2	53.9	240.9
396	396$_{dd}$	0.5	1.0	0.0	1.0	1.0	0.5	120	0.5	1.0	0.0	70.9	−41.7	54.8	68.9	127.3	0.5	0.0	1.0	0.0	119	0.5	1.0	0.0	70.9	−41.7	54.8	68.9	127.3
397	397$_{dd}$	0.5	1.0	0.125	1.0	0.875	0.562	125	0.489	1.0	0.125	71.5	−40.0	44.0	59.5	132.2	0.494	0.0	0.824	0.004	125	0.416	1.0	0.0	68.0	−45.7	50.3	68.0	132.2
398	398$_{dd}$	0.5	1.0	0.25	1.0	0.75	0.625	131	0.487	1.0	0.25	71.8	−39.1	33.5	51.5	139.4	0.488	0.0	0.721	0.0	131	0.316	1.0	0.0	63.8	−52.2	44.7	68.7	139.4
399	399$_{dd}$	0.5	1.0	0.375	1.0	0.625	0.687	139	0.489	1.0	0.375	72.6	−37.4	23.3	44.1	148.1	0.498	0.0	0.644	0.0	140	0.183	1.0	0.0	58.7	−59.9	37.3	70.6	148.1
400	400$_{dd}$	0.5	1.0	0.5	1.0	0.5	0.75	150	0.5	1.0	0.5	75.0	−33.8	15.4	37.1	155.5	0.498	0.0	0.623	0.0	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
401	401$_{dd}$	0.5	1.0	0.625	1.0	0.5	0.75	164	0.5	1.0	0.616	74.8	−31.8	7.0	32.6	167.4	0.428	0.0	0.422	0.125	162	0.0	1.0	0.233	53.7	−63.6	14.1	65.2	167.4
402	402$_{dd}$	0.5	1.0	0.75	1.0	0.5	0.75	180	0.5	1.0	0.75	75.4	−25.7	−4.4	26.1	189.8	0.44	0.0	0.284	0.125	180	0.0	1.0	0.5	55.0	−51.4	−8.9	52.2	189.8
403	403$_{dd}$	0.5	1.0	0.875	1.0	0.5	0.75	196	0.5	1.0	0.883	75.4	−19.6	−13.9	24.0	215.4	0.4	0.0	0.141	0.126	197	0.0	1.0	0.766	55.1	−39.2	−27.9	48.1	215.4
404	404$_{dd}$	0.5	1.0	1.0	1.0	0.5	0.75	210	0.5	1.0	1.0	74.4	−15.0	−21.5	26.2	235.1	0.374	0.013	0.0	0.158	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1

delta

4−1031230−F0

PI490−7N, 13/22−F

Grafico TUB-PI49; grafico per il test colori e la differenza, $\Delta E'$*, 3D=1, de=0, *cmyk**

Input: *rgb/cmyk* −> *rgb*$_{dd}$
Output: 3D-linearizzazione a *cmyk**$_{dd}$

vedi file simili: http://farbe.li.tu-berlin.de/PI49/PI49.HTM
informazioni tecniche: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

iscrizione TUB: 20160501-PI49/PI49L0FA.TXT /.PS
Applicatione per la misura dell'output output della stampante laser, separazione cmyn6* (CMYK)
TUB materiale: code=rha4ta

n	HIC*$_{Fdd}$	rgb_{Fdd}			ict_{Fdd}			h_{si_Fdd}	rgb^*_{Fdd}			$LabCh^*_{Fdd}$					$cmyn^*_{sep,Fdd}$				$h_{siM,dd}$	rgb^*_{Mdd}			$LabCh^*_{Mdd}$				
405	405_{dd}	0.625	0.0	0.0	0.625	0.625	0.312	390	0.625	0.0	0.0	38.6	35.7	23.6	42.8	33.4	0.0	0.858	0.748	0.394	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
406	406_{dd}	0.625	0.0	0.125	0.625	0.625	0.312	379	0.625	0.0	0.114	38.7	35.1	19.4	40.1	28.9	0.0	0.848	0.661	0.405	380	1.0	0.0	0.183	47.6	56.2	31.1	64.2	28.9
407	407_{dd}	0.625	0.0	0.25	0.625	0.625	0.312	367	0.625	0.0	0.239	38.5	35.6	11.8	37.5	18.3	0.0	0.838	0.521	0.408	367	1.0	0.0	0.383	47.4	57.0	18.9	60.0	18.3
408	408_{dd}	0.625	0.0	0.375	0.625	0.625	0.312	353	0.625	0.0	0.385	38.9	38.5	1.6	38.5	2.5	0.0	0.83	0.346	0.413	352	1.0	0.0	0.616	47.9	61.6	2.7	61.7	2.5
409	409_{dd}	0.625	0.0	0.5	0.625	0.625	0.312	341	0.625	0.0	0.51	39.8	40.9	−5.4	41.2	352.3	0.0	0.814	0.191	0.413	339	1.0	0.0	0.816	49.4	65.4	−8.7	66.0	352.3
410	410_{dd}	0.625	0.0	0.625	0.625	0.625	0.312	330	0.625	0.0	0.625	39.0	40.8	−7.9	41.6	348.9	0.0	0.81	0.129	0.441	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
411	411_{dd}	0.625	0.0	0.75	0.75	0.75	0.375	321	0.637	0.0	0.75	39.6	44.3	−13.6	46.4	342.9	0.018	0.837	0.0	0.404	322	0.85	0.0	1.0	44.9	59.1	−18.2	61.9	342.9
412	412_{dd}	0.625	0.0	0.875	0.875	0.875	0.437	314	0.641	0.0	0.875	39.3	47.5	−19.5	51.3	337.6	0.161	0.915	0.0	0.277	315	0.733	0.0	1.0	41.5	54.3	−22.3	58.7	337.6
413	413_{dd}	0.625	0.0	1.0	1.0	1.0	0.5	308	0.633	0.0	1.0	39.2	48.9	−26.9	55.8	331.1	0.367	1.0	0.0	0.0	308	0.633	0.0	1.0	39.2	48.9	−26.9	55.8	331.1
414	414_{dd}	0.625	0.125	0.0	0.625	0.625	0.312	41	0.625	0.114	0.0	43.2	30.3	32.7	44.6	47.1	0.0	0.728	0.842	0.358	39	1.0	0.183	0.0	54.9	48.5	52.3	71.4	47.1
415	415_{dd}	0.625	0.125	0.125	0.625	0.5	0.375	390	0.625	0.125	0.125	44.7	28.6	18.9	34.3	33.4	0.0	0.726	0.594	0.368	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
416	416_{dd}	0.625	0.125	0.25	0.625	0.5	0.375	376	0.625	0.125	0.241	44.7	28.0	14.2	31.4	26.9	0.0	0.707	0.518	0.384	377	1.0	0.0	0.233	47.5	56.0	28.4	62.8	26.9
417	417_{dd}	0.625	0.125	0.375	0.625	0.5	0.375	360	0.625	0.125	0.375	44.8	29.4	5.2	29.9	10.0	0.0	0.689	0.364	0.399	360	1.0	0.0	0.5	47.8	58.9	10.4	59.9	10.0
418	418_{dd}	0.625	0.125	0.5	0.625	0.5	0.375	344	0.625	0.125	0.508	45.6	32.3	−3.5	32.5	353.7	0.0	0.67	0.201	0.408	342	1.0	0.0	0.766	49.3	64.7	−7.1	65.1	353.7
419	419_{dd}	0.625	0.125	0.625	0.625	0.5	0.375	330	0.625	0.125	0.625	45.0	32.7	−6.3	33.3	348.9	0.0	0.662	0.141	0.428	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
420	420_{dd}	0.625	0.125	0.75	0.75	0.625	0.437	319	0.635	0.125	0.75	45.3	36.1	−12.0	38.1	341.5	0.01	0.678	0.0	0.408	320	0.816	0.0	1.0	43.9	57.8	−19.3	61.0	341.5
421	421_{dd}	0.625	0.125	0.875	0.875	0.75	0.5	311	0.637	0.125	0.875	45.2	38.7	−18.5	42.9	334.4	0.195	0.761	0.0	0.266	311	0.683	0.0	1.0	40.4	51.6	−24.7	57.2	334.4
422	422_{dd}	0.625	0.125	1.0	1.0	0.875	0.562	305	0.635	0.125	1.0	45.6	40.8	−24.9	47.9	328.5	0.3	0.778	0.0	0.141	305	0.583	0.0	1.0	38.4	46.7	−28.5	54.7	328.5
423	423_{dd}	0.625	0.25	0.0	0.625	0.625	0.312	53	0.625	0.239	0.0	49.5	18.2	38.0	42.1	64.4	0.0	0.549	0.836	0.355	52	1.0	0.383	0.0	65.0	29.1	60.8	67.4	64.4
424	424_{dd}	0.625	0.25	0.125	0.625	0.5	0.375	44	0.625	0.241	0.125	49.6	21.7	27.2	34.8	51.4	0.0	0.614	0.678	0.351	42	1.0	0.233	0.0	57.4	43.5	54.5	69.7	51.4
425	425_{dd}	0.625	0.25	0.25	0.625	0.375	0.437	390	0.625	0.25	0.25	50.7	21.4	14.1	25.7	33.4	0.0	0.573	0.47	0.367	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
426	426_{dd}	0.625	0.25	0.375	0.625	0.375	0.437	371	0.625	0.25	0.368	50.7	21.2	8.7	22.9	22.3	0.0	0.549	0.382	0.388	371	1.0	0.0	0.316	47.4	56.5	23.2	61.1	22.3
427	427_{dd}	0.625	0.25	0.5	0.625	0.375	0.437	349	0.625	0.25	0.506	51.1	23.7	−0.6	23.7	358.3	0.0	0.533	0.226	0.403	348	1.0	0.0	0.683	48.6	63.2	−1.8	63.2	358.3
428	428_{dd}	0.625	0.25	0.625	0.625	0.375	0.437	330	0.625	0.25	0.625	50.9	24.5	−4.7	24.9	348.9	0.0	0.524	0.153	0.417	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
429	429_{dd}	0.625	0.25	0.75	0.75	0.5	0.5	316	0.633	0.25	0.75	51.1	27.9	−10.4	29.8	339.4	0.0	0.538	0.017	0.406	317	0.766	0.0	1.0	42.4	55.8	−20.9	59.6	339.4
430	430_{dd}	0.625	0.25	0.875	0.875	0.625	0.562	307	0.635	0.25	0.875	51.3	30.0	−17.2	34.6	330.2	0.196	0.644	0.0	0.247	307	0.616	0.0	1.0	38.9	48.1	−27.5	55.4	330.2
431	431_{dd}	0.625	0.25	1.0	1.0	0.75	0.625	300	0.625	0.25	1.0	51.8	32.3	−23.1	39.8	324.4	0.274	0.651	0.0	0.151	300	0.5	0.0	1.0	37.2	43.1	−30.8	53.0	324.4
432	432_{dd}	0.625	0.375	0.0	0.625	0.625	0.312	67	0.625	0.385	0.0	55.5	7.5	44.0	44.6	80.3	0.0	0.378	0.834	0.353	67	1.0	0.616	0.0	74.6	12.0	70.4	71.4	80.3
433	433_{dd}	0.625	0.375	0.125	0.625	0.5	0.375	60	0.625	0.375	0.125	56.1	9.6	33.1	34.5	73.8	0.0	0.413	0.684	0.371	59	1.0	0.5	0.0	70.5	19.2	66.2	69.0	73.8
434	434_{dd}	0.625	0.375	0.25	0.625	0.375	0.437	49	0.625	0.368	0.25	56.0	13.3	21.8	25.5	58.6	0.0	0.443	0.543	0.358	48	1.0	0.316	0.0	61.6	35.5	58.2	68.2	58.6
435	435_{dd}	0.625	0.375	0.375	0.625	0.25	0.5	390	0.625	0.375	0.375	56.7	14.3	9.4	17.1	33.4	0.0	0.418	0.361	0.377	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
436	436_{dd}	0.625	0.375	0.5	0.625	0.25	0.5	360	0.625	0.375	0.5	56.8	14.7	2.6	14.9	10.0	0.0	0.39	0.243	0.4	360	1.0	0.0	0.5	47.8	58.9	10.4	59.9	10.0
437	437_{dd}	0.625	0.375	0.625	0.625	0.25	0.5	330	0.625	0.375	0.625	56.9	16.3	−3.1	16.6	348.9	0.0	0.383	0.141	0.406	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
438	438_{dd}	0.625	0.375	0.75	0.75	0.375	0.562	311	0.631	0.375	0.75	57.0	19.3	−9.2	21.4	334.4	0.007	0.387	0.0	0.401	311	0.683	0.0	1.0	40.4	51.6	−24.7	57.2	334.4
439	439_{dd}	0.625	0.375	0.875	0.875	0.5	0.625	300	0.625	0.375	0.875	57.5	21.5	−15.4	26.5	324.4	0.176	0.491	0.0	0.247	300	0.5	0.0	1.0	37.2	43.1	−30.8	53.0	324.4
440	440_{dd}	0.625	0.375	1.0	1.0	0.625	0.687	293	0.614	0.375	1.0	57.4	24.1	−21.7	32.4	317.9	0.262	0.528	0.0	0.16	292	0.383	0.0	1.0	34.4	38.5	−34.7	51.9	317.9
441	441_{dd}	0.625	0.5	0.0	0.625	0.625	0.312	79	0.625	0.51	0.0	62.3	−3.6	47.7	47.9	94.3	0.0	0.184	0.761	0.402	80	1.0	0.816	0.0	85.4	−5.8	76.4	76.6	94.3
442	442_{dd}	0.625	0.5	0.125	0.625	0.5	0.375	76	0.625	0.508	0.125	62.7	−1.4	38.4	38.4	92.2	0.0	0.211	0.65	0.399	77	1.0	0.766	0.0	83.5	−2.9	76.8	76.9	92.2
443	443_{dd}	0.625	0.5	0.25	0.625	0.375	0.437	71	0.625	0.506	0.25	62.4	2.0	27.7	27.8	85.7	0.0	0.25	0.536	0.387	71	1.0	0.683	0.0	78.6	5.4	73.9	74.1	85.7
444	444_{dd}	0.625	0.5	0.375	0.625	0.25	0.5	60	0.625	0.5	0.375	62.5	4.8	16.5	17.2	73.8	0.0	0.256	0.397	0.383	59	1.0	0.5	0.0	70.5	19.2	66.2	69.0	73.8
445	445_{dd}	0.625	0.5	0.5	0.625	0.125	0.562	390	0.625	0.5	0.5	62.8	7.1	4.7	8.5	33.4	0.0	0.233	0.219	0.395	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
446	446_{dd}	0.625	0.5	0.625	0.625	0.125	0.562	330	0.625	0.5	0.625	62.8	8.1	−1.5	8.3	348.9	0.0	0.208	0.101	0.406	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
447	447_{dd}	0.625	0.5	0.75	0.75	0.25	0.625	300	0.625	0.5	0.75	63.1	10.7	−7.7	13.2	324.4	0.016	0.225	0.0	0.391	300	0.5	0.0	1.0	37.2	43.1	−30.8	53.0	324.4
448	448_{dd}	0.625	0.5	0.875	0.875	0.375	0.687	289	0.618	0.5	0.875	63.1	13.0	−13.9	19.1	312.9	0.162	0.333	0.0	0.263	288	0.316	0.0	1.0	32.7	34.7	−37.2	50.9	312.9
449	449_{dd}	0.625	0.5	1.0	1.0	0.5	0.75	284	0.616	0.5	1.0	63.4	14.8	−19.9	24.8	306.6	0.255	0.388	0.0	0.172	282	0.233	0.0	1.0	31.1	29.6	−39.8	49.6	306.6
450	450_{dd}	0.625	0.625	0.0	0.625	0.625	0.312	90	0.625	0.625	0.0	66.1	−9.9	52.9	53.8	100.5	0.0	0.017	0.772	0.423	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
451	451_{dd}	0.625	0.625	0.125	0.625	0.5	0.375	90	0.625	0.625	0.125	66.7	−7.9	42.3	43.0	100.5	0.0	0.061	0.642	0.418	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
452	452_{dd}	0.625	0.625	0.25	0.625	0.375	0.437	90	0.625	0.625	0.25	67.2	−5.9	31.7	32.3	100.5	0.0	0.082	0.522	0.409	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
453	453_{dd}	0.625	0.625	0.375	0.625	0.25	0.5	90	0.625	0.625	0.375	67.7	−3.9	21.1	21.5	100.5	0.0	0.071	0.387	0.405	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
454	454_{dd}	0.625	0.625	0.5	0.625	0.125	0.562	90	0.625	0.625	0.5	68.3	−1.9	10.5	10.7	100.5	0.0	0.053	0.239	0.406	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
455	455_{dd}	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	68.8	0.0	0.0	0.0	0.0	0.0	0.028	0.063	0.409	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
456	456_{dd}	0.625	0.625	0.75	0.75	0.125	0.687	270	0.625	0.625	0.75	69.9	2.1	−5.5	5.9	290.8	0.055	0.08	0.0	0.357	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
457	457_{dd}	0.625	0.625	0.875	0.875	0.25	0.75	270	0.625	0.625	0.875	71.0	4.2	−11.1	11.9	290.8	0.136	0.173	0.0	0.26	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
458	458_{dd}	0.625	0.625	1.0	1.0	0.375	0.812	270	0.625	0.625	1.0	72.1	6.3	−16.7	17.8	290.8	0.222	0.262	0.0	0.139	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
459	459_{dd}	0.625	0.75	0.0	0.75	0.75	0.375	99	0.637	0.75	0.0	75.1	−14.1	66.5	68.0	101.9	0.08	0.0	0.877	0.3	97	0.85	1.0	0.0	92.2	−18.8	88.7	90.7	101.9
460	460_{dd}	0.625	0.75	0.125	0.75	0.625	0.437	101	0.635	0.75	0.125	75.1	−12.3	54.9	56.2	102.6	0.04	0.0	0.719	0.326	99	0.816	1.0	0.0	91.5	−19.6	87.8	90.0	102.6
461	461_{dd}	0.625	0.75	0.25	0.75	0.5	0.5	104	0.633	0.75	0.25	75.1	−10.4	43.2	44.5	103.6	0.005	0.0	0.601	0.344	102	0.766	1.0	0.0	90.4	−20.9	86.5	89.0	103.6
462	462_{dd}	0.625	0.75	0.375	0.75	0.375	0.562	109	0.631	0.75	0.375	73.6	−10.3	28.7	30.5	109.8	0.066	0.0	0.46	0.347	108	0.683	1.0	0.0	84.6	−27.6	76.5	81.3	109.8
463	463_{dd}	0.625	0.75	0.5	0.75	0.25	0.625	120	0.625	0.75	0.5	71.6	−10.4	13.7	17.2	127.3	0.134	0.0	0.324	0.345	119	0.5	1.0	0.0	70.9	−41.7	54.8	68.9	127.3
464	464_{dd}	0.625	0.75	0.625	0.75	0.125	0.687	150	0.625	0.75	0.625	72.6	−8.4	3.8	9.2	155.5	0.141	0.0	0.193	0.33	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
465	465_{dd}	0.625	0.75	0.75	0.75	0.125	0.687	210	0.625	0.75	0.75	72.5	−3.7	−5.3	6.5	235.1	0.095	0.0	0.011	0.343	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1
466	466_{dd}	0.625	0.75	0.875	0.875	0.25	0.75	240	0.625	0.75	0.875	74.4	−3.3	−12.3	12.7	254.9	0.185	0.077	0.0	0.249	240	0.0	0.5	1.0	46.1	−13.3	−49.4	51.1	254.9
467	467_{dd}	0.625	0.75	1.0	1.0	0.375	0.812	251	0.625	0.743	1.0	74.6	−0.8	−18.4	18.4	267.3	0.279	0.202	0.0	0.096	251	0.0	0.316	1.0	39.3	−2.3	−49.1	49.1	267.3
468	468_{dd}	0.625	0.875	0.0	0.875	0.875	0.437	106	0.641	0.875	0.0	80.6	−20.2	73.2	75.9	105.4	0.233	0.0	0.946	0.161	104	0.733	1.0	0.0	88.7	−23.1	83.7	86.8	105.4
469	469_{dd}	0.625	0.875	0.125	0.875	0.75	0.5	109	0.637	0.875	0.125	78.4	−20.7	57.4	61.0	109.8	0.248	0.0	0.786	0.185	108	0.683	1.0	0.0	84.6	−27.6	76.5	81.3	109.8
470	470_{dd}	0.625	0.875	0.25	0.875	0.625	0.562	113	0.635	0.875	0.25	76.5	−20.3	41.9	46.6	115.8	0.255	0.0	0.68	0.208	112	0.616	1.0	0.0	79.3	−32.5	67.1	74.6	115.8
471	471_{dd}	0.625	0.875	0.375	0.875	0.5	0.625	120	0.625	0.875	0.375	74.4	−20.8	27.4	34.4	127.3	0.28	0.0	0.555	0.219	119	0.5	1.0	0.0	70.9	−41.7	54.8	68.9	127.3
472	472_{dd}	0.625	0.875	0.5	0.875	0.375	0.687	131	0.618	0.875	0.5	74.8	−19.5	16.7	25.7	139.4	0.288	0.0	0.431	0.21	131	0.316	1.0	0.0	63.8	−52.2	44.7	68.7	139.4
473	473_{dd}	0.625	0.875	0.625	0.875	0.25	0.75	150	0.625	0.875	0.625	76.4	−16.9	7.7	18.5	155.5	0.28	0.0	0.307	0.199	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
474	474_{dd}	0.625	0.875	0.75	0.875	0.25	0.75	180	0.625	0.875	0.75	76.6	−12.8	−2.2	13.0	189.8	0.249	0.0	0.168	0.222	180	0.0	1.0	0.5	55.0	−51.4	−8.9	52.2	189.8
475	475_{dd}	0.625	0.875	0.875	0.875	0.25	0.75	210	0.625	0.875	0.875	76.1	−7.5	−10.7	13.1	235.1	0.18	0.0	0.002	0.265	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1
476	476_{dd}	0.625	0.875	1.0	1.0	0.375	0.812	229	0.625	0.881	1.0	79.2	−8.7	−18.2	20.2	244.5	0.292	0.08	0.0	0.096	228	0.0	0.683	1.0	51.6	−23.2	−48.6	53.9	244.5
477	477_{dd}	0.625	1.0	0.0	1.0	1.0	0.5	112	0.633	1.0	0.0	80.5	−31.2	69.2	75.9	114.2	0.367	0.0	1.0	0.0	111	0.633	1.0	0.0	80.5	−31.2	69.2	75.9	114.2
478	478_{dd}	0.625	1.0	0.125	1.0	0.875	0.562	115	0.635	1.0	0.125	79.2	−31.0	55.7	63.8	119.1	0.388	0.0	0.815	0.015	114	0.583	1.0	0.0	76.9	−35.5	63.7	72.9	119.1
479	479_{dd}	0.625	1.0	0.25	1.0	0.75	0.625	120	0.625	1.0	0.25	77.1	−31.3	41.1	51.6	127.3	0.394	0.0	0.709	0.025	119	0.5	1.0	0.0	70.9	−41.7	54.8	68.9	127.3
480	480_{dd}	0.625	1.0	0.375	1.0	0.625	0.687	127	0.614	1.0	0.375	77.7	−29.5	30.3	42.3	134.2	0.376	0.0	0.605	0.016	127	0.383	1.0	0.0	66.8	−47.2	48.5	67.7	134.2
481	481_{dd}	0.625	1.0	0.5	1.0	0.5	0.75	136	0.616	1.0	0.5	77.9	−28.9	19.8	35.1	145.5	0.404	0.0	0.515	0.0	137	0.233	1.0	0.0	60.1	−57.9	39.6	70.2	145.5
482	482_{dd}	0.625	1.0	0.625	1.0	0.375	0.812	150	0.625	1.0	0.625	80.2	−25.3	11.5	27.8	155.5	0.394	0.0	0.389	0.0	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
483	483_{dd}	0.625	1.0	0.75	1.0	0.375	0.812	169	0.625	1.0	0.743	80.2	−22.5	2.1	22.6	174.6	0.356	0.0	0.284	0.125	168	0.0	1.0	0.316	54.3	−60.1	5.6	60.3	174.6
484	484_{dd}	0.625	1.0	0.875	1.0	0.375	0.812	191	0.625	1.0	0.881	80.6	−15.8	−8.8	18.0	209.1	0.342	0.0	0.144	0.074	191	0.0	1.0	0.683	55.2	−42.1	−23.4	48.2	209.1
485	485_{dd}	0.625	1.0	1.0	1.0	0.375	0.812	210	0.625	1.0	1.0	79.8	−11.2	−16.1	19.6	235.1	0.274	0.002	0.0	0.151	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1

delta

4−1031330−F0

PI490−7N, 14/22−F

Grafico TUB-PI49; grafico per il test colori e la differenza, $\Delta E'^*$, 3D=1, de=0, *cmyk**

Input: *rgb/cmyk* −> rgb_{dd}
Output: 3D-linearizzazione a $cmyk^*_{dd}$

iscrizione TUB: 20160501-PI49/PI49L0FA.TXT /.PS
Applicatione per la misura dell'output output della stampante laser, separazione cmyn6* (CMYK)

TUB materiale: code=rha4ta

vedi file simili: http://farbe.li.tu-berlin.de/PI49/PI49.HTM
informazioni tecniche: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

n	HIC*$_{Fdd}$	*rgb*$_{Fdd}$			*ict*$_{Fdd}$			h_{si_Fdd}	*rgb**$_{Fdd}$			*LabCh**$_{Fdd}$					*cmyn**$_{sep,Fdd}$				$h_{siM,dd}$	*rgb**$_{Mdd}$			*LabCh**$_{Mdd}$				
486	486$_{dd}$	0.75	0.0	0.0	0.75	0.75	0.375	390	0.75	0.0	0.0	41.6	42.9	28.3	51.4	33.4	0.0	0.889	0.834	0.254	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
487	487$_{dd}$	0.75	0.0	0.125	0.75	0.75	0.375	381	0.75	0.0	0.112	41.7	42.2	24.6	48.9	30.3	0.0	0.888	0.755	0.255	382	1.0	0.0	0.15	47.6	56.3	32.9	65.2	30.3
488	488$_{dd}$	0.75	0.0	0.25	0.75	0.75	0.375	371	0.75	0.0	0.237	41.5	42.4	17.4	45.8	22.3	0.0	0.886	0.612	0.267	371	1.0	0.0	0.316	47.4	56.5	23.2	61.1	22.3
489	489$_{dd}$	0.75	0.0	0.375	0.75	0.75	0.375	360	0.75	0.0	0.375	41.8	44.2	7.8	44.9	10.0	0.0	0.877	0.442	0.262	360	1.0	0.0	0.5	47.8	58.9	10.4	59.9	10.0
490	490$_{dd}$	0.75	0.0	0.5	0.75	0.75	0.375	349	0.75	0.0	0.512	42.4	47.4	−1.3	47.4	358.3	0.0	0.867	0.291	0.262	348	1.0	0.0	0.683	48.6	63.2	−1.8	63.2	358.3
491	491$_{dd}$	0.75	0.0	0.625	0.75	0.75	0.375	339	0.75	0.0	0.637	43.0	49.4	−7.4	49.9	351.4	0.0	0.858	0.166	0.265	337	1.0	0.0	0.85	49.4	65.8	−9.9	66.6	351.4
492	492$_{dd}$	0.75	0.0	0.75	0.75	0.75	0.375	330	0.75	0.0	0.75	42.1	49.0	−9.5	49.9	348.9	0.0	0.863	0.125	0.295	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
493	493$_{dd}$	0.75	0.0	0.875	0.875	0.875	0.437	322	0.758	0.0	0.875	42.7	52.3	−15.4	54.5	343.5	0.0	0.902	0.0	0.255	322	0.866	0.0	1.0	45.4	59.8	−17.6	62.3	343.5
494	494$_{dd}$	0.75	0.0	1.0	1.0	1.0	0.5	316	0.766	0.0	1.0	42.4	55.8	−20.9	59.6	339.4	0.234	0.999	0.0	0.0	317	0.766	0.0	1.0	42.4	55.8	−20.9	59.6	339.4
495	495$_{dd}$	0.75	0.125	0.0	0.75	0.75	0.375	39	0.75	0.112	0.0	45.8	38.8	37.9	54.3	44.3	0.0	0.779	0.895	0.25	37	1.0	0.15	0.0	53.2	51.8	50.6	72.4	44.3
496	496$_{dd}$	0.75	0.125	0.125	0.75	0.625	0.437	390	0.75	0.125	0.125	47.6	35.7	23.6	42.8	33.4	0.0	0.767	0.638	0.238	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
497	497$_{dd}$	0.75	0.125	0.25	0.75	0.625	0.437	379	0.75	0.125	0.239	47.7	35.1	19.4	40.1	28.9	0.0	0.752	0.559	0.246	380	1.0	0.0	0.183	47.6	56.2	31.1	64.2	28.9
498	498$_{dd}$	0.75	0.125	0.375	0.75	0.625	0.437	367	0.75	0.125	0.364	47.5	35.6	11.8	37.5	18.3	0.0	0.74	0.431	0.26	367	1.0	0.0	0.383	47.4	57.0	18.9	60.0	18.3
499	499$_{dd}$	0.75	0.125	0.5	0.75	0.625	0.437	353	0.75	0.125	0.51	47.9	38.5	1.6	38.5	2.5	0.0	0.737	0.277	0.268	352	1.0	0.0	0.616	47.9	61.6	2.7	61.7	2.5
500	500$_{dd}$	0.75	0.125	0.625	0.75	0.625	0.437	341	0.75	0.125	0.635	48.8	40.9	−5.4	41.2	352.3	0.0	0.727	0.152	0.27	339	1.0	0.0	0.816	49.4	65.4	−8.7	66.0	352.3
501	501$_{dd}$	0.75	0.125	0.75	0.75	0.625	0.437	330	0.75	0.125	0.75	48.0	40.8	−7.9	41.6	348.9	0.0	0.725	0.106	0.298	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
502	502$_{dd}$	0.75	0.125	0.875	0.875	0.75	0.5	321	0.762	0.125	0.875	48.6	44.3	−13.6	46.4	342.9	0.025	0.749	0.0	0.252	322	0.85	0.0	1.0	44.9	59.1	−18.2	61.9	342.9
503	503$_{dd}$	0.75	0.125	1.0	1.0	0.875	0.562	314	0.766	0.125	1.0	48.3	47.5	−19.5	51.3	337.6	0.185	0.813	0.0	0.081	315	0.733	0.0	1.0	41.5	54.3	−22.3	58.7	337.6
504	504$_{dd}$	0.75	0.25	0.0	0.75	0.75	0.375	49	0.75	0.237	0.0	52.2	26.6	43.7	51.1	58.6	0.0	0.635	0.893	0.249	48	1.0	0.316	0.0	61.6	35.5	58.2	68.2	58.6
505	505$_{dd}$	0.75	0.25	0.125	0.75	0.625	0.437	41	0.75	0.239	0.125	52.2	30.3	32.7	44.6	47.1	0.0	0.677	0.737	0.221	39	1.0	0.183	0.0	54.9	48.5	52.3	71.4	47.1
506	506$_{dd}$	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.25	53.7	28.6	18.9	34.3	33.4	0.0	0.632	0.514	0.234	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
507	507$_{dd}$	0.75	0.25	0.375	0.75	0.5	0.5	376	0.75	0.25	0.366	53.7	28.0	14.2	31.4	26.9	0.0	0.618	0.441	0.249	377	1.0	0.0	0.233	47.5	56.0	28.4	62.8	26.9
508	508$_{dd}$	0.75	0.25	0.5	0.75	0.5	0.5	360	0.75	0.25	0.5	53.8	29.4	5.2	29.9	10.0	0.0	0.623	0.305	0.26	360	1.0	0.0	0.5	47.8	58.9	10.4	59.9	10.0
509	509$_{dd}$	0.75	0.25	0.625	0.75	0.5	0.5	344	0.75	0.25	0.633	54.5	32.3	−3.5	32.5	353.7	0.0	0.613	0.168	0.264	342	1.0	0.0	0.766	49.3	64.7	−7.1	65.1	353.7
510	510$_{dd}$	0.75	0.25	0.75	0.75	0.5	0.5	330	0.75	0.25	0.75	54.0	32.7	−6.3	33.3	348.9	0.0	0.609	0.12	0.286	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
511	511$_{dd}$	0.75	0.25	0.875	0.875	0.625	0.562	319	0.76	0.25	0.875	54.3	36.1	−12.0	38.1	341.5	0.008	0.623	0.0	0.258	320	0.816	0.0	1.0	43.9	57.8	−19.3	61.0	341.5
512	512$_{dd}$	0.75	0.25	1.0	1.0	0.75	0.625	311	0.762	0.25	1.0	54.2	38.7	−18.5	42.9	334.4	0.171	0.687	0.0	0.114	311	0.683	0.0	1.0	40.4	51.6	−24.7	57.2	334.4
513	513$_{dd}$	0.75	0.375	0.0	0.75	0.75	0.375	60	0.75	0.375	0.0	58.8	14.4	49.7	51.7	73.8	0.0	0.451	0.866	0.252	59	1.0	0.5	0.0	70.5	19.2	66.2	69.0	73.8
514	514$_{dd}$	0.75	0.375	0.125	0.75	0.625	0.437	53	0.75	0.364	0.125	58.5	18.2	38.0	42.1	64.4	0.0	0.494	0.731	0.234	52	1.0	0.383	0.0	65.0	29.1	60.8	67.4	64.4
515	515$_{dd}$	0.75	0.375	0.25	0.75	0.5	0.5	44	0.75	0.366	0.25	58.6	21.7	27.2	34.8	51.4	0.0	0.537	0.608	0.215	42	1.0	0.233	0.0	57.4	43.5	54.5	69.7	51.4
516	516$_{dd}$	0.75	0.375	0.375	0.75	0.375	0.562	390	0.75	0.375	0.375	59.7	21.4	14.1	25.7	33.4	0.0	0.512	0.403	0.23	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
517	517$_{dd}$	0.75	0.375	0.5	0.75	0.375	0.562	371	0.75	0.375	0.493	59.7	21.2	8.7	22.9	22.3	0.0	0.5	0.318	0.246	371	1.0	0.0	0.316	47.4	56.5	23.2	61.1	22.3
518	518$_{dd}$	0.75	0.375	0.625	0.75	0.375	0.562	349	0.75	0.375	0.631	60.1	23.7	−0.6	23.7	358.3	0.0	0.486	0.186	0.252	348	1.0	0.0	0.683	48.6	63.2	−1.8	63.2	358.3
519	519$_{dd}$	0.75	0.375	0.75	0.75	0.375	0.562	330	0.75	0.375	0.75	59.9	24.5	−4.7	24.9	348.9	0.0	0.475	0.11	0.269	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
520	520$_{dd}$	0.75	0.375	0.875	0.875	0.5	0.625	316	0.758	0.375	0.875	60.1	27.9	−10.4	29.8	339.4	0.006	0.485	0.0	0.251	317	0.766	0.0	1.0	42.4	55.8	−20.9	59.6	339.4
521	521$_{dd}$	0.75	0.375	1.0	1.0	0.625	0.687	307	0.76	0.375	1.0	60.3	30.0	−17.2	34.6	330.2	0.166	0.55	0.0	0.128	307	0.616	0.0	1.0	38.9	48.1	−27.5	55.4	330.2
522	522$_{dd}$	0.75	0.5	0.0	0.75	0.75	0.375	71	0.75	0.512	0.0	64.9	4.0	55.4	55.6	85.7	0.0	0.301	0.838	0.266	71	1.0	0.683	0.0	78.6	5.4	73.9	74.1	85.7
523	523$_{dd}$	0.75	0.5	0.125	0.75	0.625	0.437	67	0.75	0.51	0.125	64.5	7.5	44.0	44.6	80.3	0.0	0.34	0.721	0.254	67	1.0	0.616	0.0	74.6	12.0	70.4	71.4	80.3
524	524$_{dd}$	0.75	0.5	0.25	0.75	0.5	0.5	60	0.75	0.5	0.25	65.1	9.6	33.1	34.5	73.8	0.0	0.359	0.616	0.236	59	1.0	0.5	0.0	70.5	19.2	66.2	69.0	73.8
525	525$_{dd}$	0.75	0.5	0.375	0.75	0.375	0.562	49	0.75	0.493	0.375	65.0	13.3	21.8	25.5	58.6	0.0	0.389	0.467	0.223	48	1.0	0.316	0.0	61.6	35.5	58.2	68.2	58.6
526	526$_{dd}$	0.75	0.5	0.5	0.75	0.25	0.625	390	0.75	0.5	0.5	65.7	14.3	9.4	17.1	33.4	0.0	0.367	0.29	0.241	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
527	527$_{dd}$	0.75	0.5	0.625	0.75	0.25	0.625	360	0.75	0.5	0.625	65.8	14.7	2.6	14.9	10.0	0.0	0.335	0.188	0.265	360	1.0	0.0	0.5	47.8	58.9	10.4	59.9	10.0
528	528$_{dd}$	0.75	0.5	0.75	0.75	0.25	0.625	330	0.75	0.5	0.75	65.9	16.3	−3.1	16.6	348.9	0.0	0.324	0.091	0.273	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
529	529$_{dd}$	0.75	0.5	0.875	0.875	0.375	0.687	311	0.756	0.5	0.875	66.0	19.3	−9.2	21.4	334.4	0.017	0.345	0.0	0.254	311	0.683	0.0	1.0	40.4	51.6	−24.7	57.2	334.4
530	530$_{dd}$	0.75	0.5	1.0	1.0	0.5	0.75	300	0.75	0.5	1.0	66.5	21.5	−15.4	26.5	324.4	0.151	0.42	0.0	0.137	300	0.5	0.0	1.0	37.2	43.1	−30.8	53.0	324.4
531	531$_{dd}$	0.75	0.625	0.0	0.75	0.75	0.375	81	0.75	0.637	0.0	70.9	−5.7	57.0	57.3	95.7	0.0	0.137	0.768	0.312	81	1.0	0.85	0.0	86.6	−7.6	76.0	76.4	95.7
532	532$_{dd}$	0.75	0.625	0.125	0.75	0.625	0.437	79	0.75	0.635	0.125	71.3	−3.6	47.7	47.9	94.3	0.0	0.164	0.687	0.295	80	1.0	0.816	0.0	85.4	−5.8	76.4	76.6	94.3
533	533$_{dd}$	0.75	0.625	0.25	0.75	0.5	0.5	76	0.75	0.633	0.25	71.7	−1.4	38.4	38.4	92.2	0.0	0.188	0.599	0.275	77	1.0	0.766	0.0	83.5	−2.9	76.8	76.9	92.2
534	534$_{dd}$	0.75	0.625	0.375	0.75	0.375	0.562	71	0.75	0.631	0.375	71.4	2.0	27.7	27.8	85.7	0.0	0.212	0.462	0.258	71	1.0	0.683	0.0	78.6	5.4	73.9	74.1	85.7
535	535$_{dd}$	0.75	0.625	0.5	0.75	0.25	0.625	60	0.75	0.625	0.5	71.5	4.8	16.5	17.2	73.8	0.0	0.218	0.328	0.259	59	1.0	0.5	0.0	70.5	19.2	66.2	69.0	73.8
536	536$_{dd}$	0.75	0.625	0.625	0.75	0.125	0.687	390	0.75	0.625	0.625	71.8	7.1	4.7	8.5	33.4	0.0	0.196	0.173	0.269	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
537	537$_{dd}$	0.75	0.625	0.75	0.75	0.125	0.687	330	0.75	0.625	0.75	71.8	8.1	−1.5	8.3	348.9	0.0	0.177	0.07	0.282	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
538	538$_{dd}$	0.75	0.625	0.875	0.875	0.25	0.75	300	0.75	0.625	0.875	72.1	10.7	−7.7	13.2	324.4	0.026	0.209	0.0	0.251	300	0.5	0.0	1.0	37.2	43.1	−30.8	53.0	324.4
539	539$_{dd}$	0.75	0.625	1.0	1.0	0.375	0.812	289	0.743	0.625	1.0	72.1	13.0	−13.9	19.1	312.9	0.148	0.304	0.0	0.139	288	0.316	0.0	1.0	32.7	34.7	−37.2	50.9	312.9
540	540$_{dd}$	0.75	0.75	0.0	0.75	0.75	0.375	90	0.75	0.75	0.0	74.6	−11.8	63.5	64.6	100.5	0.009	0.0	0.817	0.33	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
541	541$_{dd}$	0.75	0.75	0.125	0.75	0.625	0.437	90	0.75	0.75	0.125	75.1	−9.9	52.9	53.8	100.5	0.0	0.031	0.695	0.32	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
542	542$_{dd}$	0.75	0.75	0.25	0.75	0.5	0.5	90	0.75	0.75	0.25	75.7	−7.9	42.3	43.0	100.5	0.0	0.062	0.597	0.302	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
543	543$_{dd}$	0.75	0.75	0.375	0.75	0.375	0.562	90	0.75	0.75	0.375	76.2	−5.9	31.7	32.3	100.5	0.0	0.061	0.451	0.289	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
544	544$_{dd}$	0.75	0.75	0.5	0.75	0.25	0.625	90	0.75	0.75	0.5	76.7	−3.9	21.1	21.5	100.5	0.0	0.052	0.321	0.288	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
545	545$_{dd}$	0.75	0.75	0.625	0.75	0.125	0.687	90	0.75	0.75	0.625	77.3	−1.9	10.5	10.7	100.5	0.0	0.036	0.186	0.287	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
546	546$_{dd}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	77.8	0.0	0.0	0.0	0.0	0.0	0.015	0.029	0.286	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
547	547$_{dd}$	0.75	0.75	0.875	0.875	0.125	0.812	270	0.75	0.75	0.875	78.9	2.1	−5.5	5.9	290.8	0.063	0.09	0.0	0.206	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
548	548$_{dd}$	0.75	0.75	1.0	1.0	0.25	0.875	270	0.75	0.75	1.0	80.0	4.2	−11.1	11.9	290.8	0.138	0.189	0.0	0.096	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
549	549$_{dd}$	0.75	0.875	0.0	0.875	0.875	0.437	98	0.758	0.875	0.0	84.0	−16.0	78.0	79.7	101.6	0.095	0.0	0.91	0.187	97	0.866	1.0	0.0	92.6	−18.3	89.2	91.0	101.6
550	550$_{dd}$	0.75	0.875	0.125	0.875	0.75	0.5	99	0.762	0.875	0.125	84.1	−14.1	66.5	68.0	101.9	0.061	0.0	0.766	0.181	97	0.85	1.0	0.0	92.2	−18.8	88.7	90.7	101.9
551	551$_{dd}$	0.75	0.875	0.25	0.875	0.625	0.562	101	0.76	0.875	0.25	84.1	−12.3	54.9	56.2	102.6	0.033	0.0	0.678	0.189	99	0.816	1.0	0.0	91.5	−19.6	87.8	90.0	102.6
552	552$_{dd}$	0.75	0.875	0.375	0.875	0.5	0.625	104	0.758	0.875	0.375	84.1	−10.4	43.2	44.5	103.6	0.017	0.0	0.519	0.188	102	0.766	1.0	0.0	90.4	−20.9	86.5	89.0	103.6
553	553$_{dd}$	0.75	0.875	0.5	0.875	0.375	0.687	109	0.756	0.875	0.5	82.6	−10.3	28.7	30.5	109.8	0.062	0.0	0.377	0.211	108	0.683	1.0	0.0	84.6	−27.6	76.5	81.3	109.8
554	554$_{dd}$	0.75	0.875	0.625	0.875	0.25	0.75	120	0.75	0.875	0.625	80.6	−10.4	13.7	17.2	127.3	0.132	0.0	0.268	0.215	119	0.5	1.0	0.0	70.9	−41.7	54.8	68.9	127.3
555	555$_{dd}$	0.75	0.875	0.75	0.875	0.125	0.812	150	0.75	0.875	0.75	81.6	−8.4	3.8	9.2	155.5	0.137	0.0	0.148	0.195	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
556	556$_{dd}$	0.75	0.875	0.875	0.875	0.125	0.812	210	0.75	0.875	0.875	81.4	−3.7	−5.3	6.5	235.1	0.093	0.012	0.0	0.202	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1
557	557$_{dd}$	0.75	0.875	1.0	1.0	0.25	0.875	240	0.75	0.875	1.0	83.4	−3.3	−12.3	12.7	254.9	0.2	0.131	0.0	0.054	240	0.0	0.5	1.0	46.1	−13.3	−49.4	51.1	254.9
558	558$_{dd}$	0.75	1.0	0.0	1.0	1.0	0.5	104	0.766	1.0	0.0	90.4	−20.9	86.5	89.0	103.6	0.234	0.0	1.0	0.0	102	0.766	1.0	0.0	90.4	−20.9	86.5	89.0	103.6
559	559$_{dd}$	0.75	1.0	0.125	1.0	0.875	0.562	106	0.766	1.0	0.125	89.6	−20.2	73.2	75.9	105.4	0.196	0.0	0.826	0.0	104	0.733	1.0	0.0	88.7	−23.1	83.7	86.8	105.4
560	560$_{dd}$	0.75	1.0	0.25	1.0	0.75	0.625	109	0.762	1.0	0.25	87.4	−20.7	57.4	61.0	109.8	0.219	0.0	0.704	0.025	108	0.683	1.0	0.0	84.6	−27.6	76.5	81.3	109.8
561	561$_{dd}$	0.75	1.0	0.375	1.0	0.625	0.687	113	0.76	1.0	0.375	85.5	−20.3	41.9	46.6	115.8	0.223	0.0	0.547	0.046	112	0.616	1.0	0.0	79.3	−32.5	67.1	74.6	115.8
562	562$_{dd}$	0.75	1.0	0.5	1.0	0.5	0.75	120	0.75	1.0	0.5	83.4	−20.8	27.4	34.4	127.3	0.269	0.0	0.458	0.046	119	0.5	1.0	0.0	70.9	−41.7	54.8	68.9	127.3
563	563$_{dd}$	0.75	1.0	0.625	1.0	0.375	0.812	131	0.743	1.0	0.625	83.8	−19.5	16.7	25.7	139.4	0.301	0.0	0.372	0.021	131	0.316	1.0	0.0	63.8	−52.2	44.7	68.7	139.4
564	564$_{dd}$	0.75	1.0	0.75	1.0	0.25	0.875	150	0.75	1.0	0.75	85.4	−16.9	7.7	18.5	155.5	0.304	0.0	0.255	0.0	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
565	565$_{dd}$	0.75	1.0	0.875	1.0	0.25	0.875	180	0.75	1.0	0.875	85.6	−12.8	−2.2	13.0	189.8	0.267	0.0	0.147	0.019	180	0.0	1.0	0.5	55.0	−51.4	−8.9	52.2	189.8
566	566$_{dd}$	0.75	1.0	1.0	1.0	0.25	0.875	210	0.75	1.0	1.0	85.1	−7.5	−10.7	13.1	235.1	0.159	0.002	0.0	0.13	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1

delta

4−1031430−F0

PI490−7N, 15/22−F

Grafico TUB-PI49; grafico per il test colori e la differenza, $\Delta E'^*$, 3D=1, de=0, *cmyk**

Input: *rgb/cmyk* −> *rgb*$_{dd}$
Output: 3D-linearizzazione a *cmyk**$_{dd}$

vedi file simili: http://farbe.li.tu-berlin.de/PI49/PI49.HTM
informazioni tecniche: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

iscrizione TUB: 20160501-PI49/PI49L0FA.TXT /.PS
Applicatione per la misura dell'output output della stampante laser, separazione cmyn6* (CMYK)
TUB materiale: code=rha4ta

n	HIC*$_{Fdd}$	rgb_{Fdd}			ict_{Fdd}			h_{si_Fdd}	rgb^*_{Fdd}			$LabCh^*_{Fdd}$					$cmyn^*_{sep,Fdd}$				$h_{siM,dd}$	rgb^*_{Mdd}			$LabCh^*_{Mdd}$				
567	567$_{dd}$	0.875	0.0	0.0	0.875	0.875	0.437	390	0.875	0.0	0.0	44.6	50.0	33.1	60.0	33.4	0.0	0.939	0.922	0.141	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
568	568$_{dd}$	0.875	0.0	0.125	0.875	0.875	0.437	382	0.875	0.0	0.116	44.6	49.3	29.6	57.5	30.9	0.0	0.933	0.819	0.14	382	1.0	0.0	0.133	47.6	56.3	33.8	65.7	30.9
569	569$_{dd}$	0.875	0.0	0.25	0.875	0.875	0.437	374	0.875	0.0	0.233	44.5	49.0	23.1	54.3	25.2	0.0	0.928	0.697	0.147	375	1.0	0.0	0.266	47.5	56.1	26.5	62.0	25.2
570	570$_{dd}$	0.875	0.0	0.375	0.875	0.875	0.437	365	0.875	0.0	0.364	44.5	50.5	14.4	52.5	15.9	0.0	0.927	0.559	0.147	365	1.0	0.0	0.416	47.5	57.7	16.5	60.0	15.9
571	571$_{dd}$	0.875	0.0	0.5	0.875	0.875	0.437	355	0.875	0.0	0.51	44.9	53.3	4.3	53.5	4.6	0.0	0.925	0.409	0.146	354	1.0	0.0	0.583	47.9	60.9	4.9	61.1	4.6
572	572$_{dd}$	0.875	0.0	0.625	0.875	0.875	0.437	346	0.875	0.0	0.641	45.9	56.2	−4.6	56.4	355.2	0.0	0.898	0.245	0.153	344	1.0	0.0	0.733	49.1	64.2	−5.3	64.4	355.2
573	573$_{dd}$	0.875	0.0	0.75	0.875	0.875	0.437	338	0.875	0.0	0.758	46.3	57.8	−9.1	58.5	350.9	0.0	0.911	0.173	0.147	337	1.0	0.0	0.866	49.5	66.0	−10.4	66.9	350.9
574	574$_{dd}$	0.875	0.0	0.875	0.875	0.875	0.437	330	0.875	0.0	0.875	45.1	57.2	−11.1	58.3	348.9	0.0	0.925	0.137	0.168	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
575	575$_{dd}$	0.875	0.0	1.0	1.0	1.0	0.5	323	0.883	0.0	1.0	45.8	60.5	−17.0	62.8	344.2	0.116	0.999	0.0	0.0	323	0.883	0.0	1.0	45.8	60.5	−17.0	62.8	344.2
576	576$_{dd}$	0.875	0.125	0.0	0.875	0.875	0.437	38	0.875	0.116	0.0	48.8	46.8	43.4	63.8	42.9	0.0	0.823	0.927	0.156	37	1.0	0.133	0.0	52.3	53.4	49.7	73.0	42.9
577	577$_{dd}$	0.875	0.125	0.125	0.875	0.75	0.5	390	0.875	0.125	0.125	50.6	42.9	28.3	51.4	33.4	0.0	0.798	0.666	0.148	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
578	578$_{dd}$	0.875	0.125	0.25	0.875	0.75	0.5	381	0.875	0.125	0.237	50.7	42.2	24.6	48.9	30.3	0.0	0.787	0.604	0.155	382	1.0	0.0	0.15	47.6	56.3	32.9	65.2	30.3
579	579$_{dd}$	0.875	0.125	0.375	0.875	0.75	0.5	371	0.875	0.125	0.362	50.5	42.4	17.4	45.8	22.3	0.0	0.777	0.491	0.163	371	1.0	0.0	0.316	47.4	56.5	23.2	61.1	22.3
580	580$_{dd}$	0.875	0.125	0.5	0.875	0.75	0.5	360	0.875	0.125	0.5	50.8	44.2	7.8	44.9	10.0	0.0	0.77	0.357	0.168	360	1.0	0.0	0.5	47.8	58.9	10.4	59.9	10.0
581	581$_{dd}$	0.875	0.125	0.625	0.875	0.75	0.5	349	0.875	0.125	0.637	51.4	47.4	−1.3	47.4	358.3	0.0	0.765	0.231	0.166	348	1.0	0.0	0.683	48.6	63.2	−1.8	63.2	358.3
582	582$_{dd}$	0.875	0.125	0.75	0.875	0.75	0.5	339	0.875	0.125	0.762	52.0	49.4	−7.4	49.9	351.4	0.0	0.764	0.139	0.163	337	1.0	0.0	0.85	49.4	65.8	−9.9	66.6	351.4
583	583$_{dd}$	0.875	0.125	0.875	0.875	0.75	0.5	330	0.875	0.125	0.875	51.1	49.0	−9.5	49.9	348.9	0.0	0.765	0.097	0.185	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
584	584$_{dd}$	0.875	0.125	1.0	1.0	0.875	0.562	322	0.883	0.125	1.0	51.7	52.3	−15.4	54.5	343.5	0.014	0.786	0.0	0.134	322	0.866	0.0	1.0	45.4	59.8	−17.6	62.3	343.5
585	585$_{dd}$	0.875	0.25	0.0	0.875	0.875	0.437	46	0.875	0.233	0.0	54.7	35.2	49.0	60.3	54.2	0.0	0.701	0.938	0.154	44	1.0	0.266	0.0	59.1	40.2	56.0	69.0	54.2
586	586$_{dd}$	0.875	0.25	0.125	0.875	0.75	0.5	39	0.875	0.237	0.125	54.8	38.8	37.9	54.3	44.3	0.0	0.738	0.76	0.115	37	1.0	0.15	0.0	53.2	51.8	50.6	72.4	44.3
587	587$_{dd}$	0.875	0.25	0.25	0.875	0.625	0.562	390	0.875	0.25	0.25	56.6	35.7	23.6	42.8	33.4	0.0	0.693	0.542	0.127	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
588	588$_{dd}$	0.875	0.25	0.375	0.875	0.625	0.562	379	0.875	0.25	0.364	56.7	35.1	19.4	40.1	28.9	0.0	0.679	0.485	0.138	380	1.0	0.0	0.183	47.6	56.2	31.1	64.2	28.9
589	589$_{dd}$	0.875	0.25	0.5	0.875	0.625	0.562	367	0.875	0.25	0.489	56.5	35.6	11.8	37.5	18.3	0.0	0.669	0.38	0.151	367	1.0	0.0	0.383	47.4	57.0	18.9	60.0	18.3
590	590$_{dd}$	0.875	0.25	0.625	0.875	0.625	0.562	353	0.875	0.25	0.635	56.9	38.5	1.6	38.5	2.5	0.0	0.665	0.251	0.156	352	1.0	0.0	0.616	47.9	61.6	2.7	61.7	2.5
591	591$_{dd}$	0.875	0.25	0.75	0.875	0.625	0.562	341	0.875	0.25	0.76	57.8	40.9	−5.4	41.2	352.3	0.0	0.658	0.143	0.152	339	1.0	0.0	0.816	49.4	65.4	−8.7	66.0	352.3
592	592$_{dd}$	0.875	0.25	0.875	0.875	0.625	0.562	330	0.875	0.25	0.875	57.0	40.8	−7.9	41.6	348.9	0.0	0.656	0.1	0.171	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
593	593$_{dd}$	0.875	0.25	1.0	1.0	0.75	0.625	321	0.887	0.25	1.0	57.6	44.3	−13.6	46.4	342.9	0.005	0.678	0.0	0.132	322	0.85	0.0	1.0	44.9	59.1	−18.2	61.9	342.9
594	594$_{dd}$	0.875	0.375	0.0	0.875	0.875	0.437	55	0.875	0.364	0.0	61.2	23.1	54.7	59.4	67.0	0.0	0.549	0.937	0.154	54	1.0	0.416	0.0	66.6	26.4	62.5	67.9	67.0
595	595$_{dd}$	0.875	0.375	0.125	0.875	0.75	0.5	49	0.875	0.362	0.125	61.2	26.6	43.7	51.1	58.6	0.0	0.581	0.782	0.12	48	1.0	0.316	0.0	61.6	35.5	58.2	68.2	58.6
596	596$_{dd}$	0.875	0.375	0.25	0.875	0.625	0.562	41	0.875	0.364	0.25	61.2	30.3	32.7	44.6	47.1	0.0	0.619	0.639	0.092	39	1.0	0.183	0.0	54.9	48.5	52.3	71.4	47.1
597	597$_{dd}$	0.875	0.375	0.375	0.875	0.5	0.625	390	0.875	0.375	0.375	62.7	28.6	18.9	34.3	33.4	0.0	0.578	0.457	0.114	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
598	598$_{dd}$	0.875	0.375	0.5	0.875	0.5	0.625	376	0.875	0.375	0.491	62.7	28.0	14.2	31.4	26.9	0.0	0.564	0.394	0.131	377	1.0	0.0	0.233	47.5	56.0	28.4	62.8	26.9
599	599$_{dd}$	0.875	0.375	0.625	0.875	0.5	0.625	360	0.875	0.375	0.625	62.8	29.4	5.2	29.9	10.0	0.0	0.551	0.262	0.142	360	1.0	0.0	0.5	47.8	58.9	10.4	59.9	10.0
600	600$_{dd}$	0.875	0.375	0.75	0.875	0.5	0.625	344	0.875	0.375	0.758	63.5	32.3	−3.5	32.5	353.7	0.0	0.537	0.147	0.143	342	1.0	0.0	0.766	49.3	64.7	−7.1	65.1	353.7
601	601$_{dd}$	0.875	0.375	0.875	0.875	0.5	0.625	330	0.875	0.375	0.875	63.0	32.7	−6.3	33.3	348.9	0.0	0.532	0.102	0.159	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
602	602$_{dd}$	0.875	0.375	1.0	1.0	0.625	0.687	319	0.885	0.375	1.0	63.3	36.1	−12.0	38.1	341.5	0.011	0.56	0.0	0.129	320	0.816	0.0	1.0	43.9	57.8	−19.3	61.0	341.5
603	603$_{dd}$	0.875	0.5	0.0	0.875	0.875	0.437	65	0.875	0.51	0.0	67.2	12.3	60.6	61.9	78.4	0.0	0.41	0.938	0.156	65	1.0	0.583	0.0	73.4	14.1	69.3	70.7	78.4
604	604$_{dd}$	0.875	0.5	0.125	0.875	0.75	0.5	60	0.875	0.5	0.125	67.8	14.4	49.7	51.7	73.8	0.0	0.427	0.78	0.13	59	1.0	0.5	0.0	70.5	19.2	66.2	69.0	73.8
605	605$_{dd}$	0.875	0.5	0.25	0.875	0.625	0.562	53	0.875	0.489	0.25	67.5	18.2	38.0	42.1	64.4	0.0	0.467	0.662	0.101	52	1.0	0.383	0.0	65.0	29.1	60.8	67.4	64.4
606	606$_{dd}$	0.875	0.5	0.375	0.875	0.5	0.625	44	0.875	0.491	0.375	67.6	21.7	27.2	34.8	51.4	0.0	0.49	0.525	0.085	42	1.0	0.233	0.0	57.4	43.5	54.5	69.7	51.4
607	607$_{dd}$	0.875	0.5	0.5	0.875	0.375	0.687	390	0.875	0.5	0.5	68.7	21.4	14.1	25.7	33.4	0.0	0.454	0.344	0.11	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
608	608$_{dd}$	0.875	0.5	0.625	0.875	0.375	0.687	371	0.875	0.5	0.618	68.7	21.2	8.7	22.9	22.3	0.0	0.43	0.264	0.133	371	1.0	0.0	0.316	47.4	56.5	23.2	61.1	22.3
609	609$_{dd}$	0.875	0.5	0.75	0.875	0.375	0.687	349	0.875	0.5	0.756	69.1	23.7	−0.6	23.7	358.3	0.0	0.414	0.15	0.143	348	1.0	0.0	0.683	48.6	63.2	−1.8	63.2	358.3
610	610$_{dd}$	0.875	0.5	0.875	0.875	0.375	0.687	330	0.875	0.5	0.875	68.9	24.5	−4.7	24.9	348.9	0.0	0.408	0.09	0.154	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
611	611$_{dd}$	0.875	0.5	1.0	1.0	0.5	0.75	316	0.883	0.5	1.0	69.1	27.9	−10.4	29.8	339.4	0.0	0.43	0.0	0.137	317	0.766	0.0	1.0	42.4	55.8	−20.9	59.6	339.4
612	612$_{dd}$	0.875	0.625	0.0	0.875	0.875	0.437	74	0.875	0.641	0.0	74.6	0.0	66.7	66.7	90.0	0.0	0.237	0.873	0.186	75	1.0	0.733	0.0	81.8	−0.1	76.3	76.3	90.0
613	613$_{dd}$	0.875	0.625	0.125	0.875	0.75	0.5	71	0.875	0.637	0.125	73.9	4.0	55.4	55.6	85.7	0.0	0.29	0.767	0.149	71	1.0	0.683	0.0	78.6	5.4	73.9	74.1	85.7
614	614$_{dd}$	0.875	0.625	0.25	0.875	0.625	0.562	67	0.875	0.635	0.25	73.5	7.5	44.0	44.6	80.3	0.0	0.336	0.684	0.119	67	1.0	0.616	0.0	74.6	12.0	70.4	71.4	80.3
615	615$_{dd}$	0.875	0.625	0.375	0.875	0.5	0.625	60	0.875	0.625	0.375	74.1	9.6	33.1	34.5	73.8	0.0	0.329	0.535	0.103	59	1.0	0.5	0.0	70.5	19.2	66.2	69.0	73.8
616	616$_{dd}$	0.875	0.625	0.5	0.875	0.375	0.687	49	0.875	0.618	0.5	74.0	13.3	21.8	25.5	58.6	0.0	0.355	0.407	0.092	48	1.0	0.316	0.0	61.6	35.5	58.2	68.2	58.6
617	617$_{dd}$	0.875	0.625	0.625	0.875	0.25	0.75	390	0.875	0.625	0.625	74.7	14.3	9.4	17.1	33.4	0.0	0.32	0.239	0.112	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
618	618$_{dd}$	0.875	0.625	0.75	0.875	0.25	0.75	360	0.875	0.625	0.75	74.8	14.7	2.6	14.9	10.0	0.0	0.292	0.153	0.136	360	1.0	0.0	0.5	47.8	58.9	10.4	59.9	10.0
619	619$_{dd}$	0.875	0.625	0.875	0.875	0.25	0.75	330	0.875	0.625	0.875	74.9	16.3	−3.1	16.6	348.9	0.0	0.285	0.071	0.144	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
620	620$_{dd}$	0.875	0.625	1.0	1.0	0.375	0.812	311	0.881	0.625	1.0	75.0	19.3	−9.2	21.4	334.4	0.023	0.311	0.0	0.118	311	0.683	0.0	1.0	40.4	51.6	−24.7	57.2	334.4
621	621$_{dd}$	0.875	0.75	0.0	0.875	0.875	0.437	82	0.875	0.758	0.0	79.3	−7.5	66.3	66.8	96.4	0.0	0.103	0.793	0.208	82	1.0	0.866	0.0	87.3	−8.6	75.8	76.3	96.4
622	622$_{dd}$	0.875	0.75	0.125	0.875	0.75	0.5	81	0.875	0.762	0.125	79.9	−5.7	57.0	57.3	95.7	0.0	0.13	0.726	0.183	81	1.0	0.85	0.0	86.6	−7.6	76.0	76.4	95.7
623	623$_{dd}$	0.875	0.75	0.25	0.875	0.625	0.562	79	0.875	0.76	0.25	80.3	−3.6	47.7	47.9	94.3	0.0	0.154	0.644	0.159	80	1.0	0.816	0.0	85.4	−5.8	76.4	76.6	94.3
624	624$_{dd}$	0.875	0.75	0.375	0.875	0.5	0.625	76	0.875	0.758	0.375	80.7	−1.4	38.4	38.4	92.2	0.0	0.161	0.523	0.143	77	1.0	0.766	0.0	83.5	−2.9	76.8	76.9	92.2
625	625$_{dd}$	0.875	0.75	0.5	0.875	0.375	0.687	71	0.875	0.756	0.5	80.3	2.0	27.7	27.8	85.7	0.0	0.188	0.406	0.126	71	1.0	0.683	0.0	78.6	5.4	73.9	74.1	85.7
626	626$_{dd}$	0.875	0.75	0.625	0.875	0.25	0.75	60	0.875	0.75	0.625	80.5	4.8	16.5	17.2	73.8	0.0	0.181	0.268	0.126	59	1.0	0.5	0.0	70.5	19.2	66.2	69.0	73.8
627	627$_{dd}$	0.875	0.75	0.75	0.875	0.125	0.812	390	0.875	0.75	0.75	80.8	7.1	4.7	8.5	33.4	0.0	0.17	0.142	0.132	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
628	628$_{dd}$	0.875	0.75	0.875	0.875	0.125	0.812	330	0.875	0.75	0.875	80.8	8.1	−1.5	8.3	348.9	0.0	0.159	0.054	0.145	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
629	629$_{dd}$	0.875	0.75	1.0	1.0	0.25	0.875	300	0.875	0.75	1.0	81.1	10.7	−7.7	13.2	324.4	0.039	0.203	0.0	0.101	300	0.5	0.0	1.0	37.2	43.1	−30.8	53.0	324.4
630	630$_{dd}$	0.875	0.875	0.0	0.875	0.875	0.437	90	0.875	0.875	0.0	83.1	−13.8	74.1	75.3	100.5	0.035	0.0	0.832	0.208	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
631	631$_{dd}$	0.875	0.875	0.125	0.875	0.75	0.5	90	0.875	0.875	0.125	83.6	−11.8	63.5	64.6	100.5	0.005	0.0	0.737	0.204	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
632	632$_{dd}$	0.875	0.875	0.25	0.875	0.625	0.562	90	0.875	0.875	0.25	84.1	−9.9	52.9	53.8	100.5	0.0	0.025	0.651	0.182	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
633	633$_{dd}$	0.875	0.875	0.375	0.875	0.5	0.625	90	0.875	0.875	0.375	84.7	−7.9	42.3	43.0	100.5	0.0	0.039	0.512	0.161	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
634	634$_{dd}$	0.875	0.875	0.5	0.875	0.375	0.687	90	0.875	0.875	0.5	85.2	−5.9	31.7	32.3	100.5	0.0	0.044	0.385	0.156	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
635	635$_{dd}$	0.875	0.875	0.625	0.875	0.25	0.75	90	0.875	0.875	0.625	85.7	−3.9	21.1	21.5	100.5	0.0	0.029	0.257	0.153	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
636	636$_{dd}$	0.875	0.875	0.75	0.875	0.125	0.812	90	0.875	0.875	0.75	86.3	−1.9	10.5	10.7	100.5	0.0	0.029	0.15	0.152	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
637	637$_{dd}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.8	0.0	0.0	0.0	0.0	0.0	0.017	0.018	0.158	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
638	638$_{dd}$	0.875	0.875	1.0	1.0	0.125	0.937	270	0.875	0.875	1.0	87.9	2.1	−5.5	5.9	290.8	0.079	0.113	0.0	0.056	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
639	639$_{dd}$	0.875	1.0	0.0	1.0	1.0	0.5	97	0.883	1.0	0.0	92.7	−18.0	89.1	90.9	101.4	0.116	0.0	1.0	0.0	96	0.883	1.0	0.0	92.7	−18.0	89.1	90.9	101.4
640	640$_{dd}$	0.875	1.0	0.125	1.0	0.875	0.562	98	0.883	1.0	0.125	93.0	−16.0	78.0	79.7	101.6	0.0	0.0	0.875	0.0	97	0.866	1.0	0.0	92.6	−18.3	89.2	91.0	101.6
641	641$_{dd}$	0.875	1.0	0.25	1.0	0.75	0.625	99	0.887	1.0	0.25	93.1	−14.1	66.5	68.0	101.9	0.0	0.0	0.767	0.0	97	0.85	1.0	0.0	92.2	−18.8	88.7	90.7	101.9
642	642$_{dd}$	0.875	1.0	0.375	1.0	0.625	0.687	101	0.885	1.0	0.375	93.1	−12.3	54.9	56.2	102.6	0.0	0.0	0.636	0.0	99	0.816	1.0	0.0	91.5	−19.6	87.8	90.0	102.6
643	643$_{dd}$	0.875	1.0	0.5	1.0	0.5	0.75	104	0.883	1.0	0.5	93.1	−10.4	43.2	44.5	103.6	0.0	0.008	0.474	0.0	102	0.766	1.0	0.0	90.4	−20.9	86.5	89.0	103.6
644	644$_{dd}$	0.875	1.0	0.625	1.0	0.375	0.812	109	0.881	1.0	0.625	91.6	−10.3	28.7	30.5	109.8	0.061	0.0	0.321	0.039	108	0.683	1.0	0.0	84.6	−27.6	76.5	81.3	109.8
645	645$_{dd}$	0.875	1.0	0.75	1.0	0.25	0.875	120	0.875	1.0	0.75	89.6	−10.4	13.7	17.2	127.3	0.131	0.0	0.218	0.054	119	0.5	1.0	0.0	70.9	−41.7	54.8	68.9	127.3
646	646$_{dd}$	0.875	1.0	0.875	1.0	0.125	0.937	150	0.875	1.0	0.875	90.6	−8.4	3.8	9.2	155.5	0.139	0.0	0.132	0.014	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
647	647$_{dd}$	0.875	1.0	1.0	1.0	0.125	0.937	210	0.875	1.0	1.0	90.4	−3.7	−5.3	6.5	235.1	0.102	0.029	0.0	0.025	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1

delta

4−1031530−F0

PI490−7N, 16/22−F

Grafico TUB-PI49; grafico per il test colori e la differenza, $\Delta E'^*$, 3D=1, de=0, *cmyk**

Input: *rgb/cmyk* −> rgb_{dd}
Output: 3D-linearizzazione a $cmyk^*_{dd}$

iscrizione TUB: 20160501-PI49/PI49L0FA.TXT /.PS
Applicatione per la misura dell'output output della stampante laser, separazione cmyn6* (CMYK)
TUB materiale: code=rha4ta
vedi file simili: http://farbe.li.tu-berlin.de/PI49/PI49.HTM
informazioni tecniche: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

n	HIC*$_{Fdd}$	*rgb*$_{Fdd}$			*ict*$_{Fdd}$			h_{si_Fdd}	*rgb**$_{Fdd}$			*LabCh**$_{Fdd}$					*cmyn**$_{sep,Fdd}$				$h_{siM,dd}$	*rgb**$_{Mdd}$			*LabCh**$_{Mdd}$				
648	648$_{dd}$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4	0.0	1.0	1.0	0.0	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
649	649$_{dd}$	1.0	0.0	0.125	1.0	1.0	0.5	383	1.0	0.0	0.116	47.6	56.4	34.5	66.1	31.4	0.0	1.0	0.886	0.0	383	1.0	0.0	0.116	47.6	56.4	34.5	66.1	31.4
650	650$_{dd}$	1.0	0.0	0.25	1.0	1.0	0.5	376	1.0	0.0	0.233	47.5	56.0	28.4	62.8	26.9	0.0	1.0	0.766	0.0	377	1.0	0.0	0.233	47.5	56.0	28.4	62.8	26.9
651	651$_{dd}$	1.0	0.0	0.375	1.0	1.0	0.5	368	1.0	0.0	0.366	47.4	56.8	20.0	60.2	19.4	0.0	0.998	0.631	0.0	368	1.0	0.0	0.366	47.4	56.8	20.0	60.2	19.4
652	652$_{dd}$	1.0	0.0	0.5	1.0	1.0	0.5	360	1.0	0.0	0.5	47.8	58.9	10.4	59.9	10.0	0.0	1.0	0.5	0.0	360	1.0	0.0	0.5	47.8	58.9	10.4	59.9	10.0
653	653$_{dd}$	1.0	0.0	0.625	1.0	1.0	0.5	352	1.0	0.0	0.633	48.0	62.0	1.5	62.0	1.4	0.0	0.987	0.367	0.007	351	1.0	0.0	0.633	48.0	62.0	1.5	62.0	1.4
654	654$_{dd}$	1.0	0.0	0.75	1.0	1.0	0.5	344	1.0	0.0	0.766	49.3	64.7	−7.1	65.1	353.7	0.0	0.99	0.235	0.004	342	1.0	0.0	0.766	49.3	64.7	−7.1	65.1	353.7
655	655$_{dd}$	1.0	0.0	0.875	1.0	1.0	0.5	337	1.0	0.0	0.883	49.4	66.1	−10.9	67.0	350.6	0.0	0.998	0.12	0.002	336	1.0	0.0	0.883	49.4	66.1	−10.9	67.0	350.6
656	656$_{dd}$	1.0	0.0	1.0	1.0	1.0	0.5	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9	0.0	1.0	0.0	0.0	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
657	657$_{dd}$	1.0	0.125	0.0	1.0	1.0	0.5	37	1.0	0.116	0.0	51.6	54.5	48.4	72.9	41.6	0.0	0.873	0.974	0.005	36	1.0	0.116	0.0	51.6	54.5	48.4	72.9	41.6
658	658$_{dd}$	1.0	0.125	0.125	1.0	0.875	0.562	390	1.0	0.125	0.125	53.6	50.0	33.1	60.0	33.4	0.0	0.812	0.672	0.031	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
659	659$_{dd}$	1.0	0.125	0.25	1.0	0.875	0.562	382	1.0	0.125	0.241	53.6	49.3	29.6	57.5	30.9	0.0	0.803	0.628	0.041	382	1.0	0.0	0.133	47.6	56.3	33.8	65.7	30.9
660	660$_{dd}$	1.0	0.125	0.375	1.0	0.875	0.562	374	1.0	0.125	0.358	53.5	49.0	23.1	54.3	25.2	0.0	0.795	0.544	0.056	375	1.0	0.0	0.266	47.5	56.1	26.5	62.0	25.2
661	661$_{dd}$	1.0	0.125	0.5	1.0	0.875	0.562	365	1.0	0.125	0.489	53.5	50.5	14.4	52.5	15.9	0.0	0.79	0.433	0.063	365	1.0	0.0	0.416	47.5	57.7	16.5	60.0	15.9
662	662$_{dd}$	1.0	0.125	0.625	1.0	0.875	0.562	355	1.0	0.125	0.635	53.9	53.3	4.3	53.5	4.6	0.0	0.786	0.324	0.06	354	1.0	0.0	0.583	47.9	60.9	4.9	61.1	4.6
663	663$_{dd}$	1.0	0.125	0.75	1.0	0.875	0.562	346	1.0	0.125	0.766	54.9	56.2	−4.6	56.4	355.2	0.0	0.784	0.215	0.05	344	1.0	0.0	0.733	49.1	64.2	−5.3	64.4	355.2
664	664$_{dd}$	1.0	0.125	0.875	1.0	0.875	0.562	338	1.0	0.125	0.883	55.3	57.8	−9.1	58.5	350.9	0.0	0.788	0.132	0.037	337	1.0	0.0	0.866	49.5	66.0	−10.4	66.9	350.9
665	665$_{dd}$	1.0	0.125	1.0	1.0	0.875	0.562	330	1.0	0.125	1.0	54.1	57.2	−11.1	58.3	348.9	0.0	0.794	0.094	0.064	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
666	666$_{dd}$	1.0	0.25	0.0	1.0	1.0	0.5	44	1.0	0.233	0.0	57.4	43.5	54.5	69.7	51.4	0.0	0.767	1.0	0.0	42	1.0	0.233	0.0	57.4	43.5	54.5	69.7	51.4
667	667$_{dd}$	1.0	0.25	0.125	1.0	0.875	0.562	38	1.0	0.241	0.125	57.8	46.8	43.4	63.8	42.9	0.0	0.762	0.749	0.0	37	1.0	0.133	0.0	52.3	53.4	49.7	73.0	42.9
668	668$_{dd}$	1.0	0.25	0.25	1.0	0.75	0.625	390	1.0	0.25	0.25	59.6	42.9	28.3	51.4	33.4	0.0	0.704	0.553	0.005	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
669	669$_{dd}$	1.0	0.25	0.375	1.0	0.75	0.625	381	1.0	0.25	0.362	59.7	42.2	24.6	48.9	30.3	0.0	0.694	0.509	0.018	382	1.0	0.0	0.15	47.6	56.3	32.9	65.2	30.3
670	670$_{dd}$	1.0	0.25	0.5	1.0	0.75	0.625	371	1.0	0.25	0.487	59.5	42.4	17.4	45.8	22.3	0.0	0.686	0.432	0.035	371	1.0	0.0	0.316	47.4	56.5	23.2	61.1	22.3
671	671$_{dd}$	1.0	0.25	0.625	1.0	0.75	0.625	360	1.0	0.25	0.625	59.8	44.2	7.8	44.9	10.0	0.0	0.682	0.331	0.041	360	1.0	0.0	0.5	47.8	58.9	10.4	59.9	10.0
672	672$_{dd}$	1.0	0.25	0.75	1.0	0.75	0.625	349	1.0	0.25	0.762	60.4	47.4	−1.3	47.4	358.3	0.0	0.688	0.231	0.033	348	1.0	0.0	0.683	48.6	63.2	−1.8	63.2	358.3
673	673$_{dd}$	1.0	0.25	0.875	1.0	0.75	0.625	339	1.0	0.25	0.887	61.0	49.4	−7.4	49.9	351.4	0.0	0.689	0.14	0.023	337	1.0	0.0	0.85	49.4	65.8	−9.9	66.6	351.4
674	674$_{dd}$	1.0	0.25	1.0	1.0	0.75	0.625	330	1.0	0.25	1.0	60.1	49.0	−9.5	49.9	348.9	0.0	0.693	0.1	0.047	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
675	675$_{dd}$	1.0	0.375	0.0	1.0	1.0	0.5	52	1.0	0.366	0.0	64.2	30.6	60.1	67.5	63.0	0.0	0.632	0.999	0.0	51	1.0	0.366	0.0	64.2	30.6	60.1	67.5	63.0
676	676$_{dd}$	1.0	0.375	0.125	1.0	0.875	0.562	46	1.0	0.358	0.125	63.7	35.2	49.0	60.3	54.2	0.0	0.625	0.75	0.0	44	1.0	0.266	0.0	59.1	40.2	56.0	69.0	54.2
677	677$_{dd}$	1.0	0.375	0.25	1.0	0.75	0.625	39	1.0	0.362	0.25	63.8	38.8	37.9	54.3	44.3	0.0	0.647	0.623	0.0	37	1.0	0.15	0.0	53.2	51.8	50.6	72.4	44.3
678	678$_{dd}$	1.0	0.375	0.375	1.0	0.625	0.687	390	1.0	0.375	0.375	65.6	35.7	23.6	42.8	33.4	0.0	0.603	0.466	0.0	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
679	679$_{dd}$	1.0	0.375	0.5	1.0	0.625	0.687	379	1.0	0.375	0.489	65.7	35.1	19.4	40.1	28.9	0.0	0.597	0.433	0.002	380	1.0	0.0	0.183	47.6	56.2	31.1	64.2	28.9
680	680$_{dd}$	1.0	0.375	0.625	1.0	0.625	0.687	367	1.0	0.375	0.614	65.5	35.6	11.8	37.5	18.3	0.0	0.587	0.352	0.021	367	1.0	0.0	0.383	47.4	57.0	18.9	60.0	18.3
681	681$_{dd}$	1.0	0.375	0.75	1.0	0.625	0.687	353	1.0	0.375	0.76	65.9	38.5	1.6	38.5	2.5	0.0	0.589	0.242	0.022	352	1.0	0.0	0.616	47.9	61.6	2.7	61.7	2.5
682	682$_{dd}$	1.0	0.375	0.875	1.0	0.625	0.687	341	1.0	0.375	0.885	66.8	40.9	−5.4	41.2	352.3	0.0	0.588	0.145	0.011	339	1.0	0.0	0.816	49.4	65.4	−8.7	66.0	352.3
683	683$_{dd}$	1.0	0.375	1.0	1.0	0.625	0.687	330	1.0	0.375	1.0	66.0	40.8	−7.9	41.6	348.9	0.0	0.588	0.103	0.032	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
684	684$_{dd}$	1.0	0.5	0.0	1.0	1.0	0.5	60	1.0	0.5	0.0	70.5	19.2	66.2	69.0	73.8	0.0	0.5	1.0	0.0	59	1.0	0.5	0.0	70.5	19.2	66.2	69.0	73.8
685	685$_{dd}$	1.0	0.5	0.125	1.0	0.875	0.562	55	1.0	0.489	0.125	70.2	23.1	54.7	59.4	67.0	0.0	0.498	0.768	0.0	54	1.0	0.416	0.0	66.6	26.4	62.5	67.9	67.0
686	686$_{dd}$	1.0	0.5	0.25	1.0	0.75	0.625	49	1.0	0.487	0.25	70.2	26.6	43.7	51.1	58.6	0.0	0.498	0.651	0.0	48	1.0	0.316	0.0	61.6	35.5	58.2	68.2	58.6
687	687$_{dd}$	1.0	0.5	0.375	1.0	0.625	0.687	41	1.0	0.489	0.375	70.2	30.3	32.7	44.6	47.1	0.0	0.528	0.522	0.0	39	1.0	0.183	0.0	54.9	48.5	52.3	71.4	47.1
688	688$_{dd}$	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.5	71.7	28.6	18.9	34.3	33.4	0.0	0.504	0.398	0.0	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
689	689$_{dd}$	1.0	0.5	0.625	1.0	0.5	0.75	376	1.0	0.5	0.616	71.7	28.0	14.2	31.4	26.9	0.0	0.499	0.356	0.0	377	1.0	0.0	0.233	47.5	56.0	28.4	62.8	26.9
690	690$_{dd}$	1.0	0.5	0.75	1.0	0.5	0.75	360	1.0	0.5	0.75	71.8	29.4	5.2	29.9	10.0	0.0	0.49	0.253	0.01	360	1.0	0.0	0.5	47.8	58.9	10.4	59.9	10.0
691	691$_{dd}$	1.0	0.5	0.875	1.0	0.5	0.75	344	1.0	0.5	0.883	72.5	32.3	−3.5	32.5	353.7	0.0	0.483	0.149	0.004	342	1.0	0.0	0.766	49.3	64.7	−7.1	65.1	353.7
692	692$_{dd}$	1.0	0.5	1.0	1.0	0.5	0.75	330	1.0	0.5	1.0	72.0	32.7	−6.3	33.3	348.9	0.0	0.478	0.108	0.022	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
693	693$_{dd}$	1.0	0.625	0.0	1.0	1.0	0.5	68	1.0	0.633	0.0	75.4	10.6	71.2	72.0	81.5	0.0	0.367	1.0	0.0	68	1.0	0.633	0.0	75.4	10.6	71.2	72.0	81.5
694	694$_{dd}$	1.0	0.625	0.125	1.0	0.875	0.562	65	1.0	0.635	0.125	76.2	12.3	60.6	61.9	78.4	0.0	0.369	0.773	0.0	65	1.0	0.583	0.0	73.4	14.1	69.3	70.7	78.4
695	695$_{dd}$	1.0	0.625	0.25	1.0	0.75	0.625	60	1.0	0.625	0.25	76.8	14.4	49.7	51.7	73.8	0.0	0.376	0.66	0.0	59	1.0	0.5	0.0	70.5	19.2	66.2	69.0	73.8
696	696$_{dd}$	1.0	0.625	0.375	1.0	0.625	0.687	53	1.0	0.614	0.375	76.5	18.2	38.0	42.1	64.4	0.0	0.392	0.545	0.0	52	1.0	0.383	0.0	65.0	29.1	60.8	67.4	64.4
697	697$_{dd}$	1.0	0.625	0.5	1.0	0.5	0.75	44	1.0	0.616	0.5	76.6	21.7	27.2	34.8	51.4	0.0	0.419	0.438	0.0	42	1.0	0.233	0.0	57.4	43.5	54.5	69.7	51.4
698	698$_{dd}$	1.0	0.625	0.625	1.0	0.375	0.812	390	1.0	0.625	0.625	77.7	21.4	14.1	25.7	33.4	0.0	0.403	0.307	0.0	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
699	699$_{dd}$	1.0	0.625	0.75	1.0	0.375	0.812	371	1.0	0.625	0.743	77.7	21.2	8.7	22.9	22.3	0.0	0.396	0.255	0.0	371	1.0	0.0	0.316	47.4	56.5	23.2	61.1	22.3
700	700$_{dd}$	1.0	0.625	0.875	1.0	0.375	0.812	349	1.0	0.625	0.881	78.1	23.7	−0.6	23.7	358.3	0.0	0.393	0.164	0.0	348	1.0	0.0	0.683	48.6	63.2	−1.8	63.2	358.3
701	701$_{dd}$	1.0	0.625	1.0	1.0	0.375	0.812	330	1.0	0.625	1.0	77.9	24.5	−4.7	24.9	348.9	0.0	0.386	0.115	0.012	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
702	702$_{dd}$	1.0	0.75	0.0	1.0	1.0	0.5	76	1.0	0.766	0.0	83.5	−2.9	76.8	76.9	92.2	0.0	0.233	0.999	0.001	77	1.0	0.766	0.0	83.5	−2.9	76.8	76.9	92.2
703	703$_{dd}$	1.0	0.75	0.125	1.0	0.875	0.562	74	1.0	0.766	0.125	83.6	0.0	66.7	66.7	90.0	0.0	0.25	0.875	0.0	75	1.0	0.733	0.0	81.8	−0.1	76.3	76.3	90.0
704	704$_{dd}$	1.0	0.75	0.25	1.0	0.75	0.625	71	1.0	0.762	0.25	82.9	4.0	55.4	55.6	85.7	0.0	0.257	0.686	0.0	71	1.0	0.683	0.0	78.6	5.4	73.9	74.1	85.7
705	705$_{dd}$	1.0	0.75	0.375	1.0	0.625	0.687	67	1.0	0.76	0.375	82.5	7.5	44.0	44.6	80.3	0.0	0.278	0.532	0.0	67	1.0	0.616	0.0	74.6	12.0	70.4	71.4	80.3
706	706$_{dd}$	1.0	0.75	0.5	1.0	0.5	0.75	60	1.0	0.75	0.5	83.1	9.6	33.1	34.5	73.8	0.0	0.283	0.426	0.0	59	1.0	0.5	0.0	70.5	19.2	66.2	69.0	73.8
707	707$_{dd}$	1.0	0.75	0.625	1.0	0.375	0.812	49	1.0	0.743	0.625	83.0	13.3	21.8	25.5	58.6	0.0	0.306	0.376	0.0	48	1.0	0.316	0.0	61.6	35.5	58.2	68.2	58.6
708	708$_{dd}$	1.0	0.75	0.75	1.0	0.25	0.875	390	1.0	0.75	0.75	83.7	14.3	9.4	17.1	33.4	0.0	0.304	0.223	0.0	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
709	709$_{dd}$	1.0	0.75	0.875	1.0	0.25	0.875	360	1.0	0.75	0.875	83.8	14.7	2.6	14.9	10.0	0.0	0.288	0.16	0.0	360	1.0	0.0	0.5	47.8	58.9	10.4	59.9	10.0
710	710$_{dd}$	1.0	0.75	1.0	1.0	0.25	0.875	330	1.0	0.75	1.0	83.9	16.3	−3.1	16.6	348.9	0.0	0.275	0.062	0.008	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
711	711$_{dd}$	1.0	0.875	0.0	1.0	1.0	0.5	83	1.0	0.883	0.0	87.8	−9.4	76.3	76.9	97.0	0.0	0.117	0.999	0.0	83	1.0	0.883	0.0	87.8	−9.4	76.3	76.9	97.0
712	712$_{dd}$	1.0	0.875	0.125	1.0	0.875	0.562	82	1.0	0.883	0.125	88.3	−7.5	66.3	66.8	96.4	0.0	0.125	0.875	0.0	82	1.0	0.866	0.0	87.3	−8.6	75.8	76.3	96.4
713	713$_{dd}$	1.0	0.875	0.25	1.0	0.75	0.625	81	1.0	0.887	0.25	88.9	−5.7	57.0	57.3	95.7	0.0	0.125	0.75	0.0	81	1.0	0.85	0.0	86.6	−7.6	76.0	76.4	95.7
714	714$_{dd}$	1.0	0.875	0.375	1.0	0.625	0.687	79	1.0	0.885	0.375	89.3	−3.6	47.7	47.9	94.3	0.0	0.125	0.591	0.0	80	1.0	0.816	0.0	85.4	−5.8	76.4	76.6	94.3
715	715$_{dd}$	1.0	0.875	0.5	1.0	0.5	0.75	76	1.0	0.883	0.5	89.7	−1.4	38.4	38.4	92.2	0.0	0.125	0.443	0.0	77	1.0	0.766	0.0	83.5	−2.9	76.8	76.9	92.2
716	716$_{dd}$	1.0	0.875	0.625	1.0	0.375	0.812	71	1.0	0.881	0.625	89.3	2.0	27.7	27.8	85.7	0.0	0.157	0.327	0.0	71	1.0	0.683	0.0	78.6	5.4	73.9	74.1	85.7
717	717$_{dd}$	1.0	0.875	0.75	1.0	0.25	0.875	60	1.0	0.875	0.75	89.5	4.8	16.5	17.2	73.8	0.0	0.206	0.25	0.0	59	1.0	0.5	0.0	70.5	19.2	66.2	69.0	73.8
718	718$_{dd}$	1.0	0.875	0.875	1.0	0.125	0.937	390	1.0	0.875	0.875	89.8	7.1	4.7	8.5	33.4	0.0	0.173	0.132	0.0	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
719	719$_{dd}$	1.0	0.875	1.0	1.0	0.125	0.937	330	1.0	0.875	1.0	89.8	8.1	−1.5	8.3	348.9	0.0	0.168	0.034	0.007	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
720	720$_{dd}$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5	0.0	0.0	1.0	0.0	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
721	721$_{dd}$	1.0	1.0	0.125	1.0	0.875	0.562	90	1.0	1.0	0.125	92.1	−13.8	74.1	75.3	100.5	0.102	0.0	0.791	0.024	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
722	722$_{dd}$	1.0	1.0	0.25	1.0	0.75	0.625	90	1.0	1.0	0.25	92.6	−11.8	63.5	64.6	100.5	0.0	0.0	0.75	0.0	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
723	723$_{dd}$	1.0	1.0	0.375	1.0	0.625	0.687	90	1.0	1.0	0.375	93.1	−9.9	52.9	53.8	100.5	0.0	0.014	0.621	0.0	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
724	724$_{dd}$	1.0	1.0	0.5	1.0	0.5	0.75	90	1.0	1.0	0.5	93.7	−7.9	42.3	43.0	100.5	0.0	0.012	0.457	0.0	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
725	725$_{dd}$	1.0	1.0	0.625	1.0	0.375	0.812	90	1.0	1.0	0.625	94.2	−5.9	31.7	32.3	100.5	0.0	0.026	0.323	0.0	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
726	726$_{dd}$	1.0	1.0	0.75	1.0	0.25	0.875	90	1.0	1.0	0.75	94.7	−3.9	21.1	21.5	100.5	0.0	0.069	0.25	0.0	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
727	727$_{dd}$	1.0	1.0	0.875	1.0	0.125	0.937	90	1.0	1.0	0.875	95.3	−1.9	10.5	10.7	100.5	0.0	0.033	0.125	0.0	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
728	728$_{dd}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0

delta

4−1031630−F0

PI490−7N, 17/22−F

Grafico TUB-PI49; grafico per il test colori e la differenza, $\Delta E'^*$, 3D=1, de=0, *cmyk**

Input: *rgb/cmyk* −> *rgb*$_{dd}$
Output: 3D-linearizzazione a *cmyk**$_{dd}$

vedi file simili: http://farbe.li.tu-berlin.de/PI49/PI49.HTM
informazioni tecniche: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

iscrizione TUB: 20160501-PI49/PI49L0FA.TXT /.PS
Applicatione per la misura dell'output output della stampante laser, separazione cmyn6* (CMYK)
TUB materiale: code=rha4ta

n	HIC*$_{Fdd}$	rgb_{Fdd}			ict_{Fdd}			h_{si_Fdd}	rgb^*_{Fdd}			$LabCh^*_{Fdd}$					$cmyn^*_{sep,Fdd}$				$h_{siM,dd}$	rgb^*_{Mdd}			$LabCh^*_{Mdd}$				
729	729$_{dd}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
730	730$_{dd}$	0.875	1.0	1.0	1.0	0.125	0.937	210	0.875	1.0	1.0	90.4	−3.7	−5.3	6.5	235.1	0.102	0.029	0.0	0.025	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1
731	731$_{dd}$	0.75	1.0	1.0	1.0	0.25	0.875	210	0.75	1.0	1.0	85.1	−7.5	−10.7	13.1	235.1	0.159	0.002	0.0	0.13	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1
732	732$_{dd}$	0.625	1.0	1.0	1.0	0.375	0.812	210	0.625	1.0	1.0	79.8	−11.2	−16.1	19.6	235.1	0.274	0.002	0.0	0.151	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1
733	733$_{dd}$	0.5	1.0	1.0	1.0	0.5	0.75	210	0.5	1.0	1.0	74.4	−15.0	−21.5	26.2	235.1	0.374	0.013	0.0	0.158	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1
734	734$_{dd}$	0.375	1.0	1.0	1.0	0.625	0.687	210	0.375	1.0	1.0	69.1	−18.7	−26.9	32.8	235.1	0.525	0.01	0.0	0.162	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1
735	735$_{dd}$	0.25	1.0	1.0	1.0	0.75	0.625	210	0.25	1.0	1.0	63.8	−22.5	−32.3	39.3	235.1	0.677	0.004	0.0	0.142	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1
736	736$_{dd}$	0.125	1.0	1.0	1.0	0.875	0.562	210	0.125	1.0	1.0	58.4	−26.2	−37.7	45.9	235.1	0.81	0.035	0.0	0.116	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1
737	737$_{dd}$	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1	0.999	0.0	0.0	0.0	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1
738	738$_{dd}$	1.0	0.875	0.875	1.0	0.125	0.937	390	1.0	0.875	0.875	89.8	7.1	4.7	8.5	33.4	0.0	0.173	0.132	0.0	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
739	739$_{dd}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.8	0.0	0.0	0.0	0.0	0.0	0.017	0.018	0.158	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
740	740$_{dd}$	0.75	0.875	0.875	0.875	0.125	0.812	210	0.75	0.875	0.875	81.4	−3.7	−5.3	6.5	235.1	0.093	0.012	0.0	0.202	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1
741	741$_{dd}$	0.625	0.875	0.875	0.875	0.25	0.75	210	0.625	0.875	0.875	76.1	−7.5	−10.7	13.1	235.1	0.18	0.0	0.002	0.265	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1
742	742$_{dd}$	0.5	0.875	0.875	0.875	0.375	0.687	210	0.5	0.875	0.875	70.8	−11.2	−16.1	19.6	235.1	0.286	0.0	0.004	0.284	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1
743	743$_{dd}$	0.375	0.875	0.875	0.875	0.5	0.625	210	0.375	0.875	0.875	65.4	−15.0	−21.5	26.2	235.1	0.425	0.004	0.0	0.295	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1
744	744$_{dd}$	0.25	0.875	0.875	0.875	0.625	0.562	210	0.25	0.875	0.875	60.1	−18.7	−26.9	32.8	235.1	0.599	0.0	0.008	0.279	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1
745	745$_{dd}$	0.125	0.875	0.875	0.875	0.75	0.5	210	0.125	0.875	0.875	54.8	−22.5	−32.3	39.3	235.1	0.753	0.02	0.0	0.286	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1
746	746$_{dd}$	0.0	0.875	0.875	0.875	0.875	0.437	210	0.0	0.875	0.875	49.4	−26.2	−37.7	45.9	235.1	0.889	0.055	0.0	0.368	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1
747	747$_{dd}$	1.0	0.75	0.75	1.0	0.25	0.875	390	1.0	0.75	0.75	83.7	14.3	9.4	17.1	33.4	0.0	0.304	0.223	0.0	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
748	748$_{dd}$	0.875	0.75	0.75	0.875	0.125	0.812	390	0.875	0.75	0.75	80.8	7.1	4.7	8.5	33.4	0.0	0.17	0.142	0.132	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
749	749$_{dd}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	77.8	0.0	0.0	0.0	0.0	0.0	0.015	0.029	0.286	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
750	750$_{dd}$	0.625	0.75	0.75	0.75	0.125	0.687	210	0.625	0.75	0.75	72.5	−3.7	−5.3	6.5	235.1	0.095	0.0	0.011	0.343	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1
751	751$_{dd}$	0.5	0.75	0.75	0.75	0.25	0.625	210	0.5	0.75	0.75	67.1	−7.5	−10.7	13.1	235.1	0.183	0.0	0.023	0.384	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1
752	752$_{dd}$	0.375	0.75	0.75	0.75	0.375	0.562	210	0.375	0.75	0.75	61.8	−11.2	−16.1	19.6	235.1	0.312	0.0	0.012	0.401	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1
753	753$_{dd}$	0.25	0.75	0.75	0.75	0.5	0.5	210	0.25	0.75	0.75	56.4	−15.0	−21.5	26.2	235.1	0.477	0.0	0.015	0.398	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1
754	754$_{dd}$	0.125	0.75	0.75	0.75	0.625	0.437	210	0.125	0.75	0.75	51.1	−18.7	−26.9	32.8	235.1	0.655	0.0	0.005	0.41	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1
755	755$_{dd}$	0.0	0.75	0.75	0.75	0.75	0.375	210	0.0	0.75	0.75	45.8	−22.5	−32.3	39.3	235.1	0.81	0.015	0.0	0.472	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1
756	756$_{dd}$	1.0	0.625	0.625	1.0	0.375	0.812	390	1.0	0.625	0.625	77.7	21.4	14.1	25.7	33.4	0.0	0.403	0.307	0.0	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
757	757$_{dd}$	0.875	0.625	0.625	0.875	0.25	0.75	390	0.875	0.625	0.625	74.7	14.3	9.4	17.1	33.4	0.0	0.32	0.239	0.112	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
758	758$_{dd}$	0.75	0.625	0.625	0.75	0.125	0.687	390	0.75	0.625	0.625	71.8	7.1	4.7	8.5	33.4	0.0	0.196	0.173	0.269	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
759	759$_{dd}$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	68.8	0.0	0.0	0.0	0.0	0.0	0.028	0.063	0.409	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
760	760$_{dd}$	0.5	0.625	0.625	0.625	0.125	0.562	210	0.5	0.625	0.625	63.5	−3.7	−5.3	6.5	235.1	0.102	0.0	0.018	0.449	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1
761	761$_{dd}$	0.375	0.625	0.625	0.625	0.25	0.5	210	0.375	0.625	0.625	58.1	−7.5	−10.7	13.1	235.1	0.212	0.0	0.033	0.498	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1
762	762$_{dd}$	0.25	0.625	0.625	0.625	0.375	0.437	210	0.25	0.625	0.625	52.8	−11.2	−16.1	19.6	235.1	0.359	0.0	0.025	0.509	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1
763	763$_{dd}$	0.125	0.625	0.625	0.625	0.5	0.375	210	0.125	0.625	0.625	47.4	−15.0	−21.5	26.2	235.1	0.529	0.0	0.018	0.522	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1
764	764$_{dd}$	0.0	0.625	0.625	0.625	0.625	0.312	210	0.0	0.625	0.625	42.1	−18.7	−26.9	32.8	235.1	0.72	0.019	0.0	0.57	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1
765	765$_{dd}$	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.5	71.7	28.6	18.9	34.3	33.4	0.0	0.504	0.398	0.0	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
766	766$_{dd}$	0.875	0.5	0.5	0.875	0.375	0.687	390	0.875	0.5	0.5	68.7	21.4	14.1	25.7	33.4	0.0	0.454	0.344	0.11	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
767	767$_{dd}$	0.75	0.5	0.5	0.75	0.25	0.625	390	0.75	0.5	0.5	65.7	14.3	9.4	17.1	33.4	0.0	0.367	0.29	0.241	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
768	768$_{dd}$	0.625	0.5	0.5	0.625	0.125	0.562	390	0.625	0.5	0.5	62.8	7.1	4.7	8.5	33.4	0.0	0.233	0.219	0.395	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
769	769$_{dd}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	59.8	0.0	0.0	0.0	0.0	0.0	0.029	0.059	0.51	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
770	770$_{dd}$	0.375	0.5	0.5	0.5	0.125	0.437	210	0.375	0.5	0.5	54.5	−3.7	−5.3	6.5	235.1	0.117	0.0	0.031	0.561	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1
771	771$_{dd}$	0.25	0.5	0.5	0.5	0.25	0.375	210	0.249	0.5	0.5	49.1	−7.5	−10.7	13.1	235.1	0.245	0.0	0.027	0.588	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1
772	772$_{dd}$	0.125	0.5	0.5	0.5	0.375	0.312	210	0.124	0.5	0.5	43.8	−11.2	−16.1	19.6	235.1	0.366	0.0	0.035	0.626	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1
773	773$_{dd}$	0.0	0.5	0.5	0.5	0.5	0.25	210	0.0	0.5	0.5	38.4	−15.0	−21.5	26.2	235.1	0.614	0.003	0.0	0.662	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1
774	774$_{dd}$	1.0	0.375	0.375	1.0	0.625	0.687	390	1.0	0.375	0.375	65.6	35.7	23.6	42.8	33.4	0.0	0.603	0.466	0.0	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
775	775$_{dd}$	0.875	0.375	0.375	0.875	0.5	0.625	390	0.875	0.375	0.375	62.7	28.6	18.9	34.3	33.4	0.0	0.578	0.457	0.114	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
776	776$_{dd}$	0.75	0.375	0.375	0.75	0.375	0.562	390	0.75	0.375	0.375	59.7	21.4	14.1	25.7	33.4	0.0	0.512	0.403	0.23	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
777	777$_{dd}$	0.625	0.375	0.375	0.625	0.25	0.5	390	0.625	0.375	0.375	56.7	14.3	9.4	17.1	33.4	0.0	0.418	0.361	0.377	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
778	778$_{dd}$	0.5	0.375	0.375	0.5	0.125	0.437	390	0.5	0.375	0.375	53.8	7.1	4.7	8.5	33.4	0.0	0.268	0.248	0.506	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
779	779$_{dd}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	50.8	0.0	0.0	0.0	0.0	0.0	0.026	0.052	0.629	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
780	780$_{dd}$	0.25	0.375	0.375	0.375	0.125	0.312	210	0.249	0.375	0.375	45.5	−3.7	−5.3	6.5	235.1	0.109	0.0	0.04	0.661	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1
781	781$_{dd}$	0.125	0.375	0.375	0.375	0.25	0.25	210	0.124	0.375	0.375	40.1	−7.5	−10.7	13.1	235.1	0.295	0.0	0.03	0.687	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1
782	782$_{dd}$	0.0	0.375	0.375	0.375	0.375	0.187	210	0.0	0.375	0.375	34.8	−11.2	−16.1	19.6	235.1	0.444	0.0	0.028	0.732	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1
783	783$_{dd}$	1.0	0.25	0.25	1.0	0.75	0.625	390	1.0	0.25	0.25	59.6	42.9	28.3	51.4	33.4	0.0	0.704	0.553	0.005	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
784	784$_{dd}$	0.875	0.25	0.25	0.875	0.625	0.562	390	0.875	0.25	0.25	56.6	35.7	23.6	42.8	33.4	0.0	0.693	0.542	0.127	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
785	785$_{dd}$	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.25	53.7	28.6	18.9	34.3	33.4	0.0	0.632	0.514	0.234	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
786	786$_{dd}$	0.625	0.25	0.25	0.625	0.375	0.437	390	0.625	0.25	0.25	50.7	21.4	14.1	25.7	33.4	0.0	0.573	0.47	0.367	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
787	787$_{dd}$	0.5	0.25	0.25	0.5	0.25	0.375	390	0.5	0.249	0.249	47.7	14.3	9.4	17.1	33.4	0.0	0.464	0.385	0.493	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
788	788$_{dd}$	0.375	0.25	0.25	0.375	0.125	0.312	390	0.375	0.249	0.249	44.8	7.1	4.7	8.5	33.4	0.0	0.274	0.266	0.628	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
789	789$_{dd}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	41.8	0.0	0.0	0.0	0.0	0.0	0.032	0.082	0.716	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
790	790$_{dd}$	0.125	0.25	0.25	0.25	0.125	0.187	210	0.124	0.25	0.25	36.5	−3.7	−5.3	6.5	235.1	0.159	0.0	0.032	0.767	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1
791	791$_{dd}$	0.0	0.25	0.25	0.25	0.25	0.125	210	0.0	0.25	0.25	31.1	−7.5	−10.7	13.1	235.1	0.43	0.005	0.0	0.817	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1
792	792$_{dd}$	1.0	0.125	0.125	1.0	0.875	0.562	390	1.0	0.125	0.125	53.6	50.0	33.1	60.0	33.4	0.0	0.812	0.672	0.031	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
793	793$_{dd}$	0.875	0.125	0.125	0.875	0.75	0.5	390	0.875	0.125	0.125	50.6	42.9	28.3	51.4	33.4	0.0	0.798	0.666	0.148	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
794	794$_{dd}$	0.75	0.125	0.125	0.75	0.625	0.437	390	0.75	0.125	0.125	47.6	35.7	23.6	42.8	33.4	0.0	0.767	0.638	0.238	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
795	795$_{dd}$	0.625	0.125	0.125	0.625	0.5	0.375	390	0.625	0.125	0.125	44.7	28.6	18.9	34.3	33.4	0.0	0.726	0.594	0.368	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
796	796$_{dd}$	0.5	0.125	0.125	0.5	0.375	0.312	390	0.5	0.124	0.124	41.7	21.4	14.1	25.7	33.4	0.0	0.642	0.511	0.497	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
797	797$_{dd}$	0.375	0.125	0.125	0.375	0.25	0.25	390	0.375	0.124	0.124	38.7	14.3	9.4	17.1	33.4	0.0	0.53	0.432	0.631	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
798	798$_{dd}$	0.25	0.125	0.125	0.25	0.125	0.187	390	0.25	0.124	0.124	35.8	7.1	4.7	8.5	33.4	0.0	0.34	0.304	0.724	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
799	799$_{dd}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	32.8	0.0	0.0	0.0	0.0	0.0	0.054	0.11	0.815	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
800	800$_{dd}$	0.0	0.125	0.125	0.125	0.125	0.062	210	0.0	0.125	0.125	27.5	−3.7	−5.3	6.5	235.1	0.349	0.0	0.024	0.936	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1
801	801$_{dd}$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4	0.0	1.0	1.0	0.0	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
802	802$_{dd}$	0.875	0.0	0.0	0.875	0.875	0.437	390	0.875	0.0	0.0	44.6	50.0	33.1	60.0	33.4	0.0	0.939	0.922	0.141	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
803	803$_{dd}$	0.75	0.0	0.0	0.75	0.75	0.375	390	0.75	0.0	0.0	41.6	42.9	28.3	51.4	33.4	0.0	0.889	0.834	0.254	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
804	804$_{dd}$	0.625	0.0	0.0	0.625	0.625	0.312	390	0.625	0.0	0.0	38.6	35.7	23.6	42.8	33.4	0.0	0.858	0.748	0.394	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
805	805$_{dd}$	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.0	35.7	28.6	18.9	34.3	33.4	0.0	0.803	0.705	0.52	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
806	806$_{dd}$	0.375	0.0	0.0	0.375	0.375	0.187	390	0.375	0.0	0.0	32.7	21.4	14.1	25.7	33.4	0.0	0.736	0.635	0.64	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
807	807$_{dd}$	0.25	0.0	0.0	0.25	0.25	0.125	390	0.25	0.0	0.0	29.7	14.3	9.4	17.1	33.4	0.0	0.624	0.53	0.722	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
808	808$_{dd}$	0.125	0.0	0.0	0.125	0.125	0.062	390	0.125	0.0	0.0	26.8	7.1	4.7	8.5	33.4	0.0	0.482	0.398	0.864	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
809	809$_{dd}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	23.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0

delta

4−1031730−F0

PI490−7N, 18/22−F

Grafico TUB-PI49; grafico per il test colori e la differenza, $\Delta E'^*$, 3D=1, de=0, *cmyk**

Input: *rgb/cmyk* −> rgb_{dd}
Output: 3D-linearizzazione a $cmyk^*_{dd}$

iscrizione TUB: 20160501-PI49/PI49L0FA.TXT /.PS
Applicatione per la misura dell'output output della stampante laser, separazione cmyn6* (CMYK)
TUB materiale: code=rha4ta

vedi file simili: http://farbe.li.tu-berlin.de/PI49/PI49.HTM
informazioni tecniche: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

n	HIC*Fdd	rgb_Fdd			ict_Fdd			hsi_F,dd	rgb*Fdd			LabCh*Fdd					cmyn*sep,Fdd				hsiM,dd	rgb*Mdd			LabCh*Mdd				
810	810dd	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
811	811dd	0.875	0.875	1.0	1.0	0.125	0.937	270	0.875	0.875	1.0	87.9	2.1	−5.5	5.9	290.8	0.079	0.113	0.0	0.056	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
812	812dd	0.75	0.75	1.0	1.0	0.25	0.875	270	0.75	0.75	1.0	80.0	4.2	−11.1	11.9	290.8	0.138	0.189	0.0	0.096	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
813	813dd	0.625	0.625	1.0	1.0	0.375	0.812	270	0.625	0.625	1.0	72.1	6.3	−16.7	17.8	290.8	0.222	0.262	0.0	0.139	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
814	814dd	0.5	0.5	1.0	1.0	0.5	0.75	270	0.5	0.5	1.0	64.2	8.4	−22.3	23.8	290.8	0.316	0.347	0.0	0.157	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
815	815dd	0.375	0.375	1.0	1.0	0.625	0.687	270	0.375	0.375	1.0	56.2	10.5	−27.8	29.8	290.8	0.409	0.442	0.0	0.162	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
816	816dd	0.25	0.25	1.0	1.0	0.75	0.625	270	0.25	0.25	1.0	48.3	12.7	−33.4	35.7	290.8	0.534	0.55	0.0	0.17	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
817	817dd	0.125	0.125	1.0	1.0	0.875	0.562	270	0.125	0.125	1.0	40.4	14.8	−39.0	41.7	290.8	0.688	0.705	0.0	0.173	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
818	818dd	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8	1.0	1.0	0.0	0.0	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
819	819dd	1.0	1.0	0.875	1.0	0.125	0.937	90	1.0	1.0	0.875	95.3	−1.9	10.5	10.7	100.5	0.0	0.033	0.125	0.0	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
820	820dd	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.8	0.0	0.0	0.0	0.0	0.0	0.017	0.018	0.158	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
821	821dd	0.75	0.75	0.875	0.875	0.125	0.812	270	0.75	0.75	0.875	78.9	2.1	−5.5	5.9	290.8	0.063	0.09	0.0	0.206	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
822	822dd	0.625	0.625	0.875	0.875	0.25	0.75	270	0.625	0.625	0.875	71.0	4.2	−11.1	11.9	290.8	0.136	0.173	0.0	0.26	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
823	823dd	0.5	0.5	0.875	0.875	0.375	0.687	270	0.5	0.5	0.875	63.1	6.3	−16.7	17.8	290.8	0.239	0.28	0.0	0.264	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
824	824dd	0.375	0.375	0.875	0.875	0.5	0.625	270	0.375	0.375	0.875	55.2	8.4	−22.3	23.8	290.8	0.349	0.395	0.0	0.27	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
825	825dd	0.25	0.25	0.875	0.875	0.625	0.562	270	0.25	0.25	0.875	47.2	10.5	−27.8	29.8	290.8	0.474	0.525	0.0	0.292	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
826	826dd	0.125	0.125	0.875	0.875	0.75	0.5	270	0.125	0.125	0.875	39.3	12.7	−33.4	35.7	290.8	0.641	0.694	0.0	0.326	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
827	827dd	0.0	0.0	0.875	0.875	0.875	0.437	270	0.0	0.0	0.875	31.4	14.8	−39.0	41.7	290.8	0.824	0.833	0.0	0.422	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
828	828dd	1.0	1.0	0.75	1.0	0.25	0.875	90	1.0	1.0	0.75	94.7	−3.9	21.1	21.5	100.5	0.0	0.069	0.25	0.0	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
829	829dd	0.875	0.875	0.75	0.875	0.125	0.812	90	0.875	0.875	0.75	86.3	−1.9	10.5	10.7	100.5	0.0	0.029	0.15	0.152	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
830	830dd	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	77.8	0.0	0.0	0.0	0.0	0.0	0.015	0.029	0.286	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
831	831dd	0.625	0.625	0.75	0.75	0.125	0.687	270	0.625	0.625	0.75	69.9	2.1	−5.5	5.9	290.8	0.055	0.08	0.0	0.357	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
832	832dd	0.5	0.5	0.75	0.75	0.25	0.625	270	0.5	0.5	0.75	62.0	4.2	−11.1	11.9	290.8	0.124	0.172	0.0	0.392	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
833	833dd	0.375	0.375	0.75	0.75	0.375	0.562	270	0.375	0.375	0.75	54.1	6.3	−16.7	17.8	290.8	0.238	0.289	0.0	0.407	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
834	834dd	0.25	0.25	0.75	0.75	0.5	0.5	270	0.25	0.25	0.75	46.2	8.4	−22.3	23.8	290.8	0.364	0.428	0.0	0.425	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
835	835dd	0.125	0.125	0.75	0.75	0.625	0.437	270	0.125	0.125	0.75	38.2	10.5	−27.8	29.8	290.8	0.526	0.606	0.0	0.44	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
836	836dd	0.0	0.0	0.75	0.75	0.75	0.375	270	0.0	0.0	0.75	30.3	12.7	−33.4	35.7	290.8	0.739	0.797	0.0	0.519	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
837	837dd	1.0	1.0	0.625	1.0	0.375	0.812	90	1.0	1.0	0.625	94.2	−5.9	31.7	32.3	100.5	0.0	0.026	0.323	0.0	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
838	838dd	0.875	0.875	0.625	0.875	0.25	0.75	90	0.875	0.875	0.625	85.7	−3.9	21.1	21.5	100.5	0.0	0.029	0.257	0.153	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
839	839dd	0.75	0.75	0.625	0.75	0.125	0.687	90	0.75	0.75	0.625	77.3	−1.9	10.5	10.7	100.5	0.0	0.036	0.186	0.287	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
840	840dd	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	68.8	0.0	0.0	0.0	0.0	0.0	0.028	0.063	0.409	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
841	841dd	0.5	0.5	0.625	0.625	0.125	0.562	270	0.5	0.5	0.625	60.9	2.1	−5.5	5.9	290.8	0.056	0.088	0.0	0.459	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
842	842dd	0.375	0.375	0.625	0.625	0.25	0.5	270	0.375	0.375	0.625	53.0	4.2	−11.1	11.9	290.8	0.113	0.187	0.0	0.511	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
843	843dd	0.25	0.25	0.625	0.625	0.375	0.437	270	0.25	0.25	0.625	45.1	6.3	−16.7	17.8	290.8	0.26	0.334	0.0	0.532	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
844	844dd	0.125	0.125	0.625	0.625	0.5	0.375	270	0.125	0.125	0.625	37.2	8.4	−22.3	23.8	290.8	0.398	0.503	0.0	0.545	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
845	845dd	0.0	0.0	0.625	0.625	0.625	0.312	270	0.0	0.0	0.625	29.2	10.5	−27.8	29.8	290.8	0.642	0.747	0.0	0.586	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
846	846dd	1.0	1.0	0.5	1.0	0.5	0.75	90	1.0	1.0	0.5	93.7	−7.9	42.3	43.0	100.5	0.0	0.012	0.457	0.0	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
847	847dd	0.875	0.875	0.5	0.875	0.375	0.687	90	0.875	0.875	0.5	85.2	−5.9	31.7	32.3	100.5	0.0	0.044	0.385	0.156	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
848	848dd	0.75	0.75	0.5	0.75	0.25	0.625	90	0.75	0.75	0.5	76.7	−3.9	21.1	21.5	100.5	0.0	0.052	0.321	0.288	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
849	849dd	0.625	0.625	0.5	0.625	0.125	0.562	90	0.625	0.625	0.5	68.3	−1.9	10.5	10.7	100.5	0.0	0.053	0.239	0.406	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
850	850dd	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	59.8	0.0	0.0	0.0	0.0	0.0	0.029	0.059	0.51	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
851	851dd	0.375	0.375	0.5	0.5	0.125	0.437	270	0.375	0.375	0.5	51.9	2.1	−5.5	5.9	290.8	0.046	0.1	0.0	0.578	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
852	852dd	0.25	0.25	0.5	0.5	0.25	0.375	270	0.249	0.249	0.5	44.0	4.2	−11.1	11.9	290.8	0.128	0.213	0.0	0.624	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
853	853dd	0.125	0.125	0.5	0.5	0.375	0.312	270	0.124	0.124	0.5	36.1	6.3	−16.7	17.8	290.8	0.276	0.393	0.0	0.636	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
854	854dd	0.0	0.0	0.5	0.5	0.5	0.25	270	0.0	0.0	0.5	28.2	8.4	−22.3	23.8	290.8	0.501	0.649	0.0	0.669	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
855	855dd	1.0	1.0	0.375	1.0	0.625	0.687	90	1.0	1.0	0.375	93.1	−9.9	52.9	53.8	100.5	0.0	0.014	0.621	0.0	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
856	856dd	0.875	0.875	0.375	0.875	0.5	0.625	90	0.875	0.875	0.375	84.7	−7.9	42.3	43.0	100.5	0.0	0.039	0.512	0.161	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
857	857dd	0.75	0.75	0.375	0.75	0.375	0.562	90	0.75	0.75	0.375	76.2	−5.9	31.7	32.3	100.5	0.0	0.061	0.451	0.289	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
858	858dd	0.625	0.625	0.375	0.625	0.25	0.5	90	0.625	0.625	0.375	67.7	−3.9	21.1	21.5	100.5	0.0	0.071	0.387	0.405	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
859	859dd	0.5	0.5	0.375	0.5	0.125	0.437	90	0.5	0.5	0.375	59.3	−1.9	10.5	10.7	100.5	0.0	0.069	0.273	0.512	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
860	860dd	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	50.8	0.0	0.0	0.0	0.0	0.0	0.026	0.052	0.629	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
861	861dd	0.25	0.25	0.375	0.375	0.125	0.312	270	0.249	0.249	0.375	42.9	2.1	−5.5	5.9	290.8	0.03	0.103	0.0	0.682	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
862	862dd	0.125	0.125	0.375	0.375	0.25	0.25	270	0.124	0.124	0.375	35.0	4.2	−11.1	11.9	290.8	0.207	0.302	0.0	0.715	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
863	863dd	0.0	0.0	0.375	0.375	0.375	0.187	270	0.0	0.0	0.375	27.1	6.3	−16.7	17.8	290.8	0.377	0.528	0.0	0.756	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
864	864dd	1.0	1.0	0.25	1.0	0.75	0.625	90	1.0	1.0	0.25	92.6	−11.8	63.5	64.6	100.5	0.0	0.0	0.75	0.0	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
865	865dd	0.875	0.875	0.25	0.875	0.625	0.562	90	0.875	0.875	0.25	84.1	−9.9	52.9	53.8	100.5	0.0	0.025	0.651	0.182	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
866	866dd	0.75	0.75	0.25	0.75	0.5	0.5	90	0.75	0.75	0.25	75.7	−7.9	42.3	43.0	100.5	0.0	0.062	0.597	0.302	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
867	867dd	0.625	0.625	0.25	0.625	0.375	0.437	90	0.625	0.625	0.25	67.2	−5.9	31.7	32.3	100.5	0.0	0.082	0.522	0.409	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
868	868dd	0.5	0.5	0.25	0.5	0.25	0.375	90	0.5	0.5	0.249	58.7	−3.9	21.1	21.5	100.5	0.0	0.093	0.437	0.514	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
869	869dd	0.375	0.375	0.25	0.375	0.125	0.312	90	0.375	0.375	0.249	50.3	−1.9	10.5	10.7	100.5	0.0	0.077	0.298	0.626	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
870	870dd	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	41.8	0.0	0.0	0.0	0.0	0.0	0.032	0.082	0.716	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
871	871dd	0.125	0.125	0.25	0.25	0.125	0.187	270	0.124	0.124	0.25	33.9	2.1	−5.5	5.9	290.8	0.069	0.156	0.0	0.781	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
872	872dd	0.0	0.0	0.25	0.25	0.25	0.125	270	0.0	0.0	0.25	26.0	4.2	−11.1	11.9	290.8	0.383	0.476	0.0	0.865	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
873	873dd	1.0	1.0	0.125	1.0	0.875	0.562	90	1.0	1.0	0.125	92.1	−13.8	74.1	75.3	100.5	0.102	0.0	0.791	0.024	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
874	874dd	0.875	0.875	0.125	0.875	0.75	0.5	90	0.875	0.875	0.125	83.6	−11.8	63.5	64.6	100.5	0.005	0.0	0.737	0.204	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
875	875dd	0.75	0.75	0.125	0.75	0.625	0.437	90	0.75	0.75	0.125	75.1	−9.9	52.9	53.8	100.5	0.0	0.031	0.695	0.32	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
876	876dd	0.625	0.625	0.125	0.625	0.5	0.375	90	0.625	0.625	0.125	66.7	−7.9	42.3	43.0	100.5	0.0	0.061	0.642	0.418	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
877	877dd	0.5	0.5	0.125	0.5	0.375	0.312	90	0.5	0.5	0.124	58.2	−5.9	31.7	32.3	100.5	0.0	0.086	0.585	0.523	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
878	878dd	0.375	0.375	0.125	0.375	0.25	0.25	90	0.375	0.375	0.124	49.7	−3.9	21.1	21.5	100.5	0.0	0.087	0.479	0.636	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
879	879dd	0.25	0.25	0.125	0.25	0.125	0.187	90	0.25	0.25	0.124	41.3	−1.9	10.5	10.7	100.5	0.0	0.074	0.336	0.72	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
880	880dd	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	32.8	0.0	0.0	0.0	0.0	0.0	0.054	0.11	0.815	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
881	881dd	0.0	0.0	0.125	0.125	0.125	0.062	270	0.0	0.0	0.125	24.9	2.1	−5.5	5.9	290.8	0.296	0.35	0.0	0.938	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
882	882dd	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5	0.0	0.0	1.0	0.0	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
883	883dd	0.875	0.875	0.0	0.875	0.875	0.437	90	0.875	0.875	0.0	83.1	−13.8	74.1	75.3	100.5	0.035	0.0	0.832	0.208	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
884	884dd	0.75	0.75	0.0	0.75	0.75	0.375	90	0.75	0.75	0.0	74.6	−11.8	63.5	64.6	100.5	0.009	0.0	0.817	0.33	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
885	885dd	0.625	0.625	0.0	0.625	0.625	0.312	90	0.625	0.625	0.0	66.1	−9.9	52.9	53.8	100.5	0.0	0.017	0.772	0.423	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
886	886dd	0.5	0.5	0.0	0.5	0.5	0.25	90	0.5	0.5	0.0	57.7	−7.9	42.3	43.0	100.5	0.0	0.051	0.73	0.52	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
887	887dd	0.375	0.375	0.0	0.375	0.375	0.187	90	0.375	0.375	0.0	49.2	−5.9	31.7	32.3	100.5	0.0	0.083	0.65	0.635	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
888	888dd	0.25	0.25	0.0	0.25	0.25	0.125	90	0.25	0.25	0.0	40.7	−3.9	21.1	21.5	100.5	0.0	0.095	0.556	0.718	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
889	889dd	0.125	0.125	0.0	0.125	0.125	0.062	90	0.125	0.125	0.0	32.3	−1.9	10.5	10.7	100.5	0.0	0.072	0.456	0.829	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
890	890dd	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	23.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
																				delta									

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PI490−7N, 19/22−F

Grafico TUB-PI49; grafico per il test colori e la differenza, $\Delta E'^*$, 3D=1, de=0, *cmyk**

Input: *rgb/cmyk* −> rgb_{dd}
Output: 3D-linearizzazione a $cmyk^*_{dd}$

vedi file simili: http://farbe.li.tu-berlin.de/PI49/PI49.HTM
informazioni tecniche: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

iscrizione TUB: 20160501-PI49/PI49L0FA.TXT /.PS
Applicatione per la misura dell'output output della stampante laser, separazione cmyn6* (CMYK)

TUB materiale: code=rha4ta

iscrizione TUB: 20160501-PI49/PI49L0FA.TXT /.PS
Applicatione per la misura dell'output output della stampante laser, separazione cmyn6* (CMYK)

TUB materiale: code=rha4ta

n	HIC*$_{Fdd}$	*rgb*$_{Fdd}$			*ict*$_{Fdd}$			$h_{si_F,dd}$	*rgb**$_{Fdd}$			*LabCh**$_{Fdd}$					*cmyn**$_{sep,Fdd}$				$h_{siM,dd}$	*rgb**$_{Mdd}$			*LabCh**$_{Mdd}$				
891	891$_{dd}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
892	892$_{dd}$	1.0	0.875	1.0	1.0	0.125	0.937	330	1.0	0.875	1.0	89.8	8.1	−1.5	8.3	348.9	0.0	0.168	0.034	0.007	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
893	893$_{dd}$	1.0	0.75	1.0	1.0	0.25	0.875	330	1.0	0.75	1.0	83.9	16.3	−3.1	16.6	348.9	0.0	0.275	0.062	0.008	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
894	894$_{dd}$	1.0	0.625	1.0	1.0	0.375	0.812	330	1.0	0.625	1.0	77.9	24.5	−4.7	24.9	348.9	0.0	0.386	0.115	0.012	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
895	895$_{dd}$	1.0	0.5	1.0	1.0	0.5	0.75	330	1.0	0.5	1.0	72.0	32.7	−6.3	33.3	348.9	0.0	0.478	0.108	0.022	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
896	896$_{dd}$	1.0	0.375	1.0	1.0	0.625	0.687	330	1.0	0.375	1.0	66.0	40.8	−7.9	41.6	348.9	0.0	0.588	0.103	0.032	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
897	897$_{dd}$	1.0	0.25	1.0	1.0	0.75	0.625	330	1.0	0.25	1.0	60.1	49.0	−9.5	49.9	348.9	0.0	0.693	0.1	0.047	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
898	898$_{dd}$	1.0	0.125	1.0	1.0	0.875	0.562	330	1.0	0.125	1.0	54.1	57.2	−11.1	58.3	348.9	0.0	0.794	0.094	0.064	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
899	899$_{dd}$	1.0	0.0	1.0	1.0	1.0	0.5	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9	0.0	1.0	0.0	0.0	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
900	900$_{dd}$	0.875	1.0	0.875	1.0	0.125	0.937	150	0.875	1.0	0.875	90.6	−8.4	3.8	9.2	155.5	0.139	0.0	0.132	0.014	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
901	901$_{dd}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.8	0.0	0.0	0.0	0.0	0.0	0.017	0.018	0.158	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
902	902$_{dd}$	0.875	0.75	0.875	0.875	0.125	0.812	330	0.875	0.75	0.875	80.8	8.1	−1.5	8.3	348.9	0.0	0.159	0.054	0.145	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
903	903$_{dd}$	0.875	0.625	0.875	0.875	0.25	0.75	330	0.875	0.625	0.875	74.9	16.3	−3.1	16.6	348.9	0.0	0.285	0.071	0.144	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
904	904$_{dd}$	0.875	0.5	0.875	0.875	0.375	0.687	330	0.875	0.5	0.875	68.9	24.5	−4.7	24.9	348.9	0.0	0.408	0.09	0.154	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
905	905$_{dd}$	0.875	0.375	0.875	0.875	0.5	0.625	330	0.875	0.375	0.875	63.0	32.7	−6.3	33.3	348.9	0.0	0.532	0.102	0.159	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
906	906$_{dd}$	0.875	0.25	0.875	0.875	0.625	0.562	330	0.875	0.25	0.875	57.0	40.8	−7.9	41.6	348.9	0.0	0.656	0.1	0.171	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
907	907$_{dd}$	0.875	0.125	0.875	0.875	0.75	0.5	330	0.875	0.125	0.875	51.1	49.0	−9.5	49.9	348.9	0.0	0.765	0.097	0.185	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
908	908$_{dd}$	0.875	0.0	0.875	0.875	0.875	0.437	330	0.875	0.0	0.875	45.1	57.2	−11.1	58.3	348.9	0.0	0.925	0.137	0.168	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
909	909$_{dd}$	0.75	1.0	0.75	1.0	0.25	0.875	150	0.75	1.0	0.75	85.4	−16.9	7.7	18.5	155.5	0.304	0.0	0.255	0.0	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
910	910$_{dd}$	0.75	0.875	0.75	0.875	0.125	0.812	150	0.75	0.875	0.75	81.6	−8.4	3.8	9.2	155.5	0.137	0.0	0.148	0.195	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
911	911$_{dd}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	77.8	0.0	0.0	0.0	0.0	0.0	0.015	0.029	0.286	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
912	912$_{dd}$	0.75	0.625	0.75	0.75	0.125	0.687	330	0.75	0.625	0.75	71.8	8.1	−1.5	8.3	348.9	0.0	0.177	0.07	0.282	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
913	913$_{dd}$	0.75	0.5	0.75	0.75	0.25	0.625	330	0.75	0.5	0.75	65.9	16.3	−3.1	16.6	348.9	0.0	0.324	0.091	0.273	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
914	914$_{dd}$	0.75	0.375	0.75	0.75	0.375	0.562	330	0.75	0.375	0.75	59.9	24.5	−4.7	24.9	348.9	0.0	0.475	0.11	0.269	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
915	915$_{dd}$	0.75	0.25	0.75	0.75	0.5	0.5	330	0.75	0.25	0.75	54.0	32.7	−6.3	33.3	348.9	0.0	0.609	0.12	0.286	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
916	916$_{dd}$	0.75	0.125	0.75	0.75	0.625	0.437	330	0.75	0.125	0.75	48.0	40.8	−7.9	41.6	348.9	0.0	0.725	0.106	0.298	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
917	917$_{dd}$	0.75	0.0	0.75	0.75	0.75	0.375	330	0.75	0.0	0.75	42.1	49.0	−9.5	49.9	348.9	0.0	0.863	0.125	0.295	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
918	918$_{dd}$	0.625	1.0	0.625	1.0	0.375	0.812	150	0.625	1.0	0.625	80.2	−25.3	11.5	27.8	155.5	0.394	0.0	0.389	0.0	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
919	919$_{dd}$	0.625	0.875	0.625	0.875	0.25	0.75	150	0.625	0.875	0.625	76.4	−16.9	7.7	18.5	155.5	0.28	0.0	0.307	0.199	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
920	920$_{dd}$	0.625	0.75	0.625	0.75	0.125	0.687	150	0.625	0.75	0.625	72.6	−8.4	3.8	9.2	155.5	0.141	0.0	0.193	0.33	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
921	921$_{dd}$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	68.8	0.0	0.0	0.0	0.0	0.0	0.028	0.063	0.409	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
922	922$_{dd}$	0.625	0.5	0.625	0.625	0.125	0.562	330	0.625	0.5	0.625	62.8	8.1	−1.5	8.3	348.9	0.0	0.208	0.101	0.406	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
923	923$_{dd}$	0.625	0.375	0.625	0.625	0.25	0.5	330	0.625	0.375	0.625	56.9	16.3	−3.1	16.6	348.9	0.0	0.383	0.141	0.406	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
924	924$_{dd}$	0.625	0.25	0.625	0.625	0.375	0.437	330	0.625	0.25	0.625	50.9	24.5	−4.7	24.9	348.9	0.0	0.524	0.153	0.417	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
925	925$_{dd}$	0.625	0.125	0.625	0.625	0.5	0.375	330	0.625	0.125	0.625	45.0	32.7	−6.3	33.3	348.9	0.0	0.662	0.141	0.428	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
926	926$_{dd}$	0.625	0.0	0.625	0.625	0.625	0.312	330	0.625	0.0	0.625	39.0	40.8	−7.9	41.6	348.9	0.0	0.81	0.129	0.441	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
927	927$_{dd}$	0.5	1.0	0.5	1.0	0.5	0.75	150	0.5	1.0	0.5	75.0	−33.8	15.4	37.1	155.5	0.498	0.0	0.623	0.0	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
928	928$_{dd}$	0.5	0.875	0.5	0.875	0.375	0.687	150	0.5	0.875	0.5	71.2	−25.3	11.5	27.8	155.5	0.393	0.0	0.453	0.192	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
929	929$_{dd}$	0.5	0.75	0.5	0.75	0.25	0.625	150	0.5	0.75	0.5	67.4	−16.9	7.7	18.5	155.5	0.294	0.0	0.356	0.322	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
930	930$_{dd}$	0.5	0.625	0.5	0.625	0.125	0.562	150	0.5	0.625	0.5	63.6	−8.4	3.8	9.2	155.5	0.151	0.0	0.216	0.435	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
931	931$_{dd}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	59.8	0.0	0.0	0.0	0.0	0.0	0.029	0.059	0.51	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
932	932$_{dd}$	0.5	0.375	0.5	0.5	0.125	0.437	330	0.5	0.375	0.5	53.8	8.1	−1.5	8.3	348.9	0.0	0.244	0.124	0.514	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
933	933$_{dd}$	0.5	0.25	0.5	0.5	0.25	0.375	330	0.5	0.249	0.5	47.9	16.3	−3.1	16.6	348.9	0.0	0.415	0.143	0.521	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
934	934$_{dd}$	0.5	0.125	0.5	0.5	0.375	0.312	330	0.5	0.124	0.5	41.9	24.5	−4.7	24.9	348.9	0.0	0.584	0.155	0.542	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
935	935$_{dd}$	0.5	0.0	0.5	0.5	0.5	0.25	330	0.5	0.0	0.5	36.0	32.7	−6.3	33.3	348.9	0.0	0.757	0.143	0.571	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
936	936$_{dd}$	0.375	1.0	0.375	1.0	0.625	0.687	150	0.375	1.0	0.375	69.9	−42.3	19.2	46.4	155.5	0.625	0.0	0.625	0.0	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
937	937$_{dd}$	0.375	0.875	0.375	0.875	0.5	0.625	150	0.375	0.875	0.375	66.0	−33.8	15.4	37.1	155.5	0.54	0.0	0.588	0.188	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
938	938$_{dd}$	0.375	0.75	0.375	0.75	0.375	0.562	150	0.375	0.75	0.375	62.2	−25.3	11.5	27.8	155.5	0.422	0.0	0.515	0.313	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
939	939$_{dd}$	0.375	0.625	0.375	0.625	0.25	0.5	150	0.375	0.625	0.375	58.4	−16.9	7.7	18.5	155.5	0.317	0.0	0.405	0.439	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
940	940$_{dd}$	0.375	0.5	0.375	0.5	0.125	0.437	150	0.375	0.5	0.375	54.6	−8.4	3.8	9.2	155.5	0.184	0.0	0.248	0.547	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
941	941$_{dd}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	50.8	0.0	0.0	0.0	0.0	0.0	0.026	0.052	0.629	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
942	942$_{dd}$	0.375	0.25	0.375	0.375	0.125	0.312	330	0.375	0.249	0.375	44.8	8.1	−1.5	8.3	348.9	0.0	0.257	0.126	0.633	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
943	943$_{dd}$	0.375	0.125	0.375	0.375	0.25	0.25	330	0.375	0.124	0.375	38.9	16.3	−3.1	16.6	348.9	0.0	0.477	0.145	0.646	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
944	944$_{dd}$	0.375	0.0	0.375	0.375	0.375	0.187	330	0.375	0.0	0.375	32.9	24.5	−4.7	24.9	348.9	0.0	0.693	0.169	0.665	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
945	945$_{dd}$	0.25	1.0	0.25	1.0	0.75	0.625	150	0.25	1.0	0.25	64.7	−50.7	23.1	55.7	155.5	0.702	0.0	0.707	0.125	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
946	946$_{dd}$	0.25	0.875	0.25	0.875	0.625	0.562	150	0.25	0.875	0.25	60.9	−42.3	19.2	46.4	155.5	0.657	0.0	0.689	0.187	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
947	947$_{dd}$	0.25	0.75	0.25	0.75	0.5	0.5	150	0.25	0.75	0.25	57.0	−33.8	15.4	37.1	155.5	0.586	0.0	0.642	0.285	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
948	948$_{dd}$	0.25	0.625	0.25	0.625	0.375	0.437	150	0.25	0.625	0.25	53.2	−25.3	11.5	27.8	155.5	0.471	0.0	0.548	0.41	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
949	949$_{dd}$	0.25	0.5	0.25	0.5	0.25	0.375	150	0.249	0.5	0.249	49.4	−16.9	7.7	18.5	155.5	0.346	0.0	0.444	0.531	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
950	950$_{dd}$	0.25	0.375	0.25	0.375	0.125	0.312	150	0.249	0.375	0.249	45.6	−8.4	3.8	9.2	155.5	0.189	0.0	0.293	0.641	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
951	951$_{dd}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	41.8	0.0	0.0	0.0	0.0	0.0	0.032	0.082	0.716	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
952	952$_{dd}$	0.25	0.125	0.25	0.25	0.125	0.187	330	0.25	0.124	0.25	35.8	8.1	−1.5	8.3	348.9	0.0	0.312	0.13	0.734	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
953	953$_{dd}$	0.25	0.0	0.25	0.25	0.25	0.125	330	0.25	0.0	0.25	29.9	16.3	−3.1	16.6	348.9	0.0	0.579	0.168	0.743	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
954	954$_{dd}$	0.125	1.0	0.125	1.0	0.875	0.562	150	0.125	1.0	0.125	59.5	−59.2	26.9	65.0	155.5	0.841	0.0	0.841	0.125	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
955	955$_{dd}$	0.125	0.875	0.125	0.875	0.75	0.5	150	0.125	0.875	0.125	55.7	−50.7	23.1	55.7	155.5	0.791	0.0	0.805	0.196	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
956	956$_{dd}$	0.125	0.75	0.125	0.75	0.625	0.437	150	0.125	0.75	0.125	51.9	−42.3	19.2	46.4	155.5	0.729	0.0	0.776	0.295	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
957	957$_{dd}$	0.125	0.625	0.125	0.625	0.5	0.375	150	0.125	0.625	0.125	48.0	−33.8	15.4	37.1	155.5	0.628	0.0	0.704	0.415	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
958	958$_{dd}$	0.125	0.5	0.125	0.5	0.375	0.312	150	0.124	0.5	0.124	44.2	−25.3	11.5	27.8	155.5	0.529	0.0	0.641	0.534	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
959	959$_{dd}$	0.125	0.375	0.125	0.375	0.25	0.25	150	0.124	0.375	0.124	40.4	−16.9	7.7	18.5	155.5	0.415	0.0	0.527	0.659	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
960	960$_{dd}$	0.125	0.25	0.125	0.25	0.125	0.187	150	0.124	0.25	0.124	36.6	−8.4	3.8	9.2	155.5	0.259	0.0	0.361	0.766	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
961	961$_{dd}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	32.8	0.0	0.0	0.0	0.0	0.0	0.054	0.11	0.815	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
962	962$_{dd}$	0.125	0.0	0.125	0.125	0.125	0.062	330	0.125	0.0	0.125	26.8	8.1	−1.5	8.3	348.9	0.0	0.459	0.135	0.876	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9
963	963$_{dd}$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5	1.0	0.0	1.0	0.0	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
964	964$_{dd}$	0.0	0.875	0.0	0.875	0.875	0.437	150	0.0	0.875	0.0	50.5	−59.2	26.9	65.0	155.5	0.822	0.0	0.901	0.294	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
965	965$_{dd}$	0.0	0.75	0.0	0.75	0.75	0.375	150	0.0	0.75	0.0	46.7	−50.7	23.1	55.7	155.5	0.744	0.0	0.852	0.388	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
966	966$_{dd}$	0.0	0.625	0.0	0.625	0.625	0.312	150	0.0	0.625	0.0	42.9	−42.3	19.2	46.4	155.5	0.683	0.0	0.809	0.476	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
967	967$_{dd}$	0.0	0.5	0.0	0.5	0.5	0.25	150	0.0	0.5	0.0	39.0	−33.8	15.4	37.1	155.5	0.655	0.0	0.778	0.617	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
968	968$_{dd}$	0.0	0.375	0.0	0.375	0.375	0.187	150	0.0	0.375	0.0	35.2	−25.3	11.5	27.8	155.5	0.657	0.0	0.687	0.749	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
969	969$_{dd}$	0.0	0.25	0.0	0.25	0.25	0.125	150	0.0	0.25	0.0	31.4	−16.9	7.7	18.5	155.5	0.484	0.0	0.484	0.874	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
970	970$_{dd}$	0.0	0.125	0.0	0.125	0.125	0.062	150	0.0	0.125	0.0	27.6	−8.4	3.8	9.2	155.5	0.279	0.0	0.279	0.944	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
971	971$_{dd}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	23.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0

delta

4−1031930−F0

PI490−7N, 20/22−F

vedi file simili: http://farbe.li.tu-berlin.de/PI49/PI49.HTM
informazioni tecniche: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

Grafico TUB-PI49; grafico per il test colori e la differenza, $\Delta E'^*$, 3D=1, de=0, *cmyk**

Input: *rgb/cmyk* −> *rgb*$_{dd}$
Output: 3D-linearizzazione a *cmyk**$_{dd}$

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n	HIC*$_{Fdd}$	*rgb*$_{Fdd}$			*ict*$_{Fdd}$			h_{si_Fdd}	*rgb**$_{Fdd}$			*LabCh**$_{Fdd}$				*cmyn**$_{sep,Fdd}$				$h_{siM,dd}$	*rgb**$_{Mdd}$			*LabCh**$_{Mdd}$			
972	972$_{dd}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	23.8	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
973	973$_{dd}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	32.8	0.0	0.0	0.0	0.0	0.054	0.11	0.815	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
974	974$_{dd}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	41.8	0.0	0.0	0.0	0.0	0.032	0.082	0.716	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
975	975$_{dd}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	50.8	0.0	0.0	0.0	0.0	0.026	0.052	0.629	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
976	976$_{dd}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	59.8	0.0	0.0	0.0	0.0	0.029	0.059	0.51	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
977	977$_{dd}$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	68.8	0.0	0.0	0.0	0.0	0.028	0.063	0.409	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
978	978$_{dd}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	77.8	0.0	0.0	0.0	0.0	0.015	0.029	0.286	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
979	979$_{dd}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.8	0.0	0.0	0.0	0.0	0.017	0.018	0.158	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
980	980$_{dd}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
981	981$_{dd}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	23.8	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
982	982$_{dd}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	32.8	0.0	0.0	0.0	0.0	0.054	0.11	0.815	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
983	983$_{dd}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	41.8	0.0	0.0	0.0	0.0	0.032	0.082	0.716	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
984	984$_{dd}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	50.8	0.0	0.0	0.0	0.0	0.026	0.052	0.629	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
985	985$_{dd}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	59.8	0.0	0.0	0.0	0.0	0.029	0.059	0.51	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
986	986$_{dd}$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	68.8	0.0	0.0	0.0	0.0	0.028	0.063	0.409	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
987	987$_{dd}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	77.8	0.0	0.0	0.0	0.0	0.015	0.029	0.286	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
988	988$_{dd}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.8	0.0	0.0	0.0	0.0	0.017	0.018	0.158	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
989	989$_{dd}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
990	990$_{dd}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	23.8	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
991	991$_{dd}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	32.8	0.0	0.0	0.0	0.0	0.054	0.11	0.815	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
992	992$_{dd}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	41.8	0.0	0.0	0.0	0.0	0.032	0.082	0.716	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
993	993$_{dd}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	50.8	0.0	0.0	0.0	0.0	0.026	0.052	0.629	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
994	994$_{dd}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	59.8	0.0	0.0	0.0	0.0	0.029	0.059	0.51	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
995	995$_{dd}$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	68.8	0.0	0.0	0.0	0.0	0.028	0.063	0.409	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
996	996$_{dd}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	77.8	0.0	0.0	0.0	0.0	0.015	0.029	0.286	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
997	997$_{dd}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.8	0.0	0.0	0.0	0.0	0.017	0.018	0.158	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
998	998$_{dd}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
999	999$_{dd}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	23.8	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1000	1000$_{dd}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	32.8	0.0	0.0	0.0	0.0	0.054	0.11	0.815	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1001	1001$_{dd}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	41.8	0.0	0.0	0.0	0.0	0.032	0.082	0.716	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1002	1002$_{dd}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	50.8	0.0	0.0	0.0	0.0	0.026	0.052	0.629	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1003	1003$_{dd}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	59.8	0.0	0.0	0.0	0.0	0.029	0.059	0.51	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1004	1004$_{dd}$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	68.8	0.0	0.0	0.0	0.0	0.028	0.063	0.409	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1005	1005$_{dd}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	77.8	0.0	0.0	0.0	0.0	0.015	0.029	0.286	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1006	1006$_{dd}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.8	0.0	0.0	0.0	0.0	0.017	0.018	0.158	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1007	1007$_{dd}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1008	1008$_{dd}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	23.8	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1009	1009$_{dd}$	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	28.6	0.0	0.0	0.0	0.0	0.016	0.054	0.865	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1010	1010$_{dd}$	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	33.4	0.0	0.0	0.0	0.0	0.053	0.109	0.809	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1011	1011$_{dd}$	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	38.2	0.0	0.0	0.0	0.0	0.034	0.068	0.76	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1012	1012$_{dd}$	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	42.9	0.0	0.0	0.0	0.0	0.039	0.092	0.701	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1013	1013$_{dd}$	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	47.8	0.0	0.0	0.0	0.0	0.044	0.085	0.652	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1014	1014$_{dd}$	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	52.6	0.0	0.0	0.0	0.0	0.023	0.048	0.608	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1015	1015$_{dd}$	0.466	0.466	0.466	0.466	0.0	0.466	360	0.466	0.466	0.466	57.3	0.0	0.0	0.0	0.0	0.038	0.078	0.539	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1016	1016$_{dd}$	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	62.2	0.0	0.0	0.0	0.0	0.017	0.04	0.482	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1017	1017$_{dd}$	0.6	0.6	0.6	0.6	0.0	0.6	360	0.6	0.6	0.6	67.0	0.0	0.0	0.0	0.0	0.028	0.064	0.427	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1018	1018$_{dd}$	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	71.7	0.0	0.0	0.0	0.0	0.015	0.038	0.381	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1019	1019$_{dd}$	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	76.6	0.0	0.0	0.0	0.0	0.017	0.033	0.301	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1020	1020$_{dd}$	0.8	0.8	0.8	0.8	0.0	0.8	360	0.8	0.8	0.8	81.4	0.0	0.0	0.0	0.0	0.01	0.011	0.23	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1021	1021$_{dd}$	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	86.1	0.0	0.0	0.0	0.0	0.019	0.02	0.164	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1022	1022$_{dd}$	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	91.0	0.0	0.0	0.0	0.0	0.016	0.005	0.103	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1023	1023$_{dd}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1024	1024$_{dd}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	23.8	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1025	1025$_{dd}$	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	28.6	0.0	0.0	0.0	0.0	0.016	0.054	0.865	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1026	1026$_{dd}$	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	33.4	0.0	0.0	0.0	0.0	0.053	0.109	0.809	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1027	1027$_{dd}$	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	38.2	0.0	0.0	0.0	0.0	0.034	0.068	0.76	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1028	1028$_{dd}$	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	42.9	0.0	0.0	0.0	0.0	0.039	0.092	0.701	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1029	1029$_{dd}$	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	47.8	0.0	0.0	0.0	0.0	0.044	0.085	0.652	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1030	1030$_{dd}$	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	52.6	0.0	0.0	0.0	0.0	0.023	0.048	0.608	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1031	1031$_{dd}$	0.466	0.466	0.466	0.466	0.0	0.466	360	0.466	0.466	0.466	57.3	0.0	0.0	0.0	0.0	0.038	0.078	0.539	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1032	1032$_{dd}$	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	62.2	0.0	0.0	0.0	0.0	0.017	0.04	0.482	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1033	1033$_{dd}$	0.6	0.6	0.6	0.6	0.0	0.6	360	0.6	0.6	0.6	67.0	0.0	0.0	0.0	0.0	0.028	0.064	0.427	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1034	1034$_{dd}$	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	71.7	0.0	0.0	0.0	0.0	0.015	0.038	0.381	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1035	1035$_{dd}$	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	76.6	0.0	0.0	0.0	0.0	0.017	0.033	0.301	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1036	1036$_{dd}$	0.8	0.8	0.8	0.8	0.0	0.8	360	0.8	0.8	0.8	81.4	0.0	0.0	0.0	0.0	0.01	0.011	0.23	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1037	1037$_{dd}$	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	86.1	0.0	0.0	0.0	0.0	0.019	0.02	0.164	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1038	1038$_{dd}$	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	91.0	0.0	0.0	0.0	0.0	0.016	0.005	0.103	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1039	1039$_{dd}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1040	1040$_{dd}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	23.8	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1041	1041$_{dd}$	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	28.6	0.0	0.0	0.0	0.0	0.016	0.054	0.865	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1042	1042$_{dd}$	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	33.4	0.0	0.0	0.0	0.0	0.053	0.109	0.809	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1043	1043$_{dd}$	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	38.2	0.0	0.0	0.0	0.0	0.034	0.068	0.76	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1044	1044$_{dd}$	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	42.9	0.0	0.0	0.0	0.0	0.039	0.092	0.701	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1045	1045$_{dd}$	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	47.8	0.0	0.0	0.0	0.0	0.044	0.085	0.652	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1046	1046$_{dd}$	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	52.6	0.0	0.0	0.0	0.0	0.023	0.048	0.608	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1047	1047$_{dd}$	0.466	0.466	0.466	0.466	0.0	0.466	360	0.466	0.466	0.466	57.3	0.0	0.0	0.0	0.0	0.038	0.078	0.539	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1048	1048$_{dd}$	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	62.2	0.0	0.0	0.0	0.0	0.017	0.04	0.482	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1049	1049$_{dd}$	0.6	0.6	0.6	0.6	0.0	0.6	360	0.6	0.6	0.6	67.0	0.0	0.0	0.0	0.0	0.028	0.064	0.427	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1050	1050$_{dd}$	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	71.7	0.0	0.0	0.0	0.0	0.015	0.038	0.381	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1051	1051$_{dd}$	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	76.6	0.0	0.0	0.0	0.0	0.017	0.033	0.301	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1052	1052$_{dd}$	0.8	0.8	0.8	0.8	0.0	0.8	360	0.8	0.8	0.8	81.4	0.0	0.0	0.0	0.0	0.01	0.011	0.23	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0

delta

4−1032030−F0

PI490−7N, 21/22−F

vedi file simili: http://farbe.li.tu-berlin.de/PI49/PI49.HTM
informazioni tecniche: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

iscrizione TUB: 20160501-PI49/PI49L0FA.TXT /.PS
Applicatione per la misura dell'output output della stampante laser, separazione cmyn6* (CMYK)

TUB materiale: code=rha4ta

Grafico TUB-PI49; grafico per il test colori e la differenza, $\Delta E'^*$, 3D=1, de=0, *cmyk**

Input: *rgb/cmyk* −> *rgb*$_{dd}$
Output: 3D-linearizzazione a *cmyk**$_{dd}$

4−1032030−F0

n	HIC*$_{Fdd}$	$rgb_{_Fdd}$			$ict_{_Fdd}$			h_{si_Fdd}	rgb^*_{Fdd}			$LabCh^*_{Fdd}$					$cmyn^*_{sep,Fdd}$				$h_{siM,dd}$	rgb^*_{Mdd}			$LabCh^*_{Mdd}$				
1053	1053_{dd}	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	86.1	0.0	0.0	0.0	0.0	0.0	0.019	0.02	0.164	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
1054	1054_{dd}	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	91.0	0.0	0.0	0.0	0.0	0.0	0.016	0.005	0.103	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
1055	1055_{dd}	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
1056	1056_{dd}	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	23.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
1057	1057_{dd}	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	28.6	0.0	0.0	0.0	0.0	0.0	0.016	0.054	0.865	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
1058	1058_{dd}	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	33.4	0.0	0.0	0.0	0.0	0.0	0.053	0.109	0.809	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
1059	1059_{dd}	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	38.2	0.0	0.0	0.0	0.0	0.0	0.034	0.068	0.76	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
1060	1060_{dd}	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	42.9	0.0	0.0	0.0	0.0	0.0	0.039	0.092	0.701	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
1061	1061_{dd}	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	47.8	0.0	0.0	0.0	0.0	0.0	0.044	0.085	0.652	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
1062	1062_{dd}	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	52.6	0.0	0.0	0.0	0.0	0.0	0.023	0.048	0.608	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
1063	1063_{dd}	0.466	0.466	0.466	0.466	0.0	0.466	360	0.466	0.466	0.466	57.3	0.0	0.0	0.0	0.0	0.0	0.038	0.078	0.539	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
1064	1064_{dd}	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	62.2	0.0	0.0	0.0	0.0	0.0	0.017	0.04	0.482	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
1065	1065_{dd}	0.6	0.6	0.6	0.6	0.0	0.6	360	0.6	0.6	0.6	67.0	0.0	0.0	0.0	0.0	0.0	0.028	0.064	0.427	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
1066	1066_{dd}	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	71.7	0.0	0.0	0.0	0.0	0.0	0.015	0.038	0.381	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
1067	1067_{dd}	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	76.6	0.0	0.0	0.0	0.0	0.0	0.017	0.033	0.301	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
1068	1068_{dd}	0.8	0.8	0.8	0.8	0.0	0.8	360	0.8	0.8	0.8	81.4	0.0	0.0	0.0	0.0	0.0	0.01	0.011	0.23	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
1069	1069_{dd}	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	86.1	0.0	0.0	0.0	0.0	0.0	0.019	0.02	0.164	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
1070	1070_{dd}	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	91.0	0.0	0.0	0.0	0.0	0.0	0.016	0.005	0.103	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
1071	1071_{dd}	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
1072	1072_{dd}	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	23.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
1073	1073_{dd}	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
1074	1074_{dd}	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4	0.0	1.0	1.0	0.0	389	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
1075	1075_{dd}	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1	0.999	0.0	0.0	0.0	210	0.0	1.0	1.0	53.1	−30.0	−43.1	52.5	235.1
1076	1076_{dd}	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5	0.0	0.0	1.0	0.0	89	1.0	1.0	0.0	91.5	−15.8	84.6	86.1	100.5
1077	1077_{dd}	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8	1.0	1.0	0.0	0.0	270	0.0	0.0	1.0	32.5	16.9	−44.6	47.7	290.8
1078	1078_{dd}	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5	1.0	0.0	1.0	0.0	149	0.0	1.0	0.0	54.3	−67.6	30.8	74.3	155.5
1079	1079_{dd}	1.0	0.0	1.0	1.0	1.0	0.5	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9	0.0	1.0	0.0	0.0	330	1.0	0.0	1.0	48.1	65.4	−12.7	66.6	348.9

delta

Grafico TUB-PI49; grafico per il test colori e la differenza, $\Delta E'^*$, 3D=1, de=0, *cmyk**

Input: *rgb/cmyk* −> rgb_{dd}
Output: 3D-linearizzazione a $cmyk^*_{dd}$

vedi file simili: http://farbe.li.tu-berlin.de/PI49/PI49.HTM
informazioni tecniche: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

iscrizione TUB: 20160501-PI49/PI49L0FA.TXT /.PS
Applicatione per la misura dell'output output della stampante laser, separazione cmyn6* (CMYK)
TUB materiale: code=rha4ta

4−1032130−F0

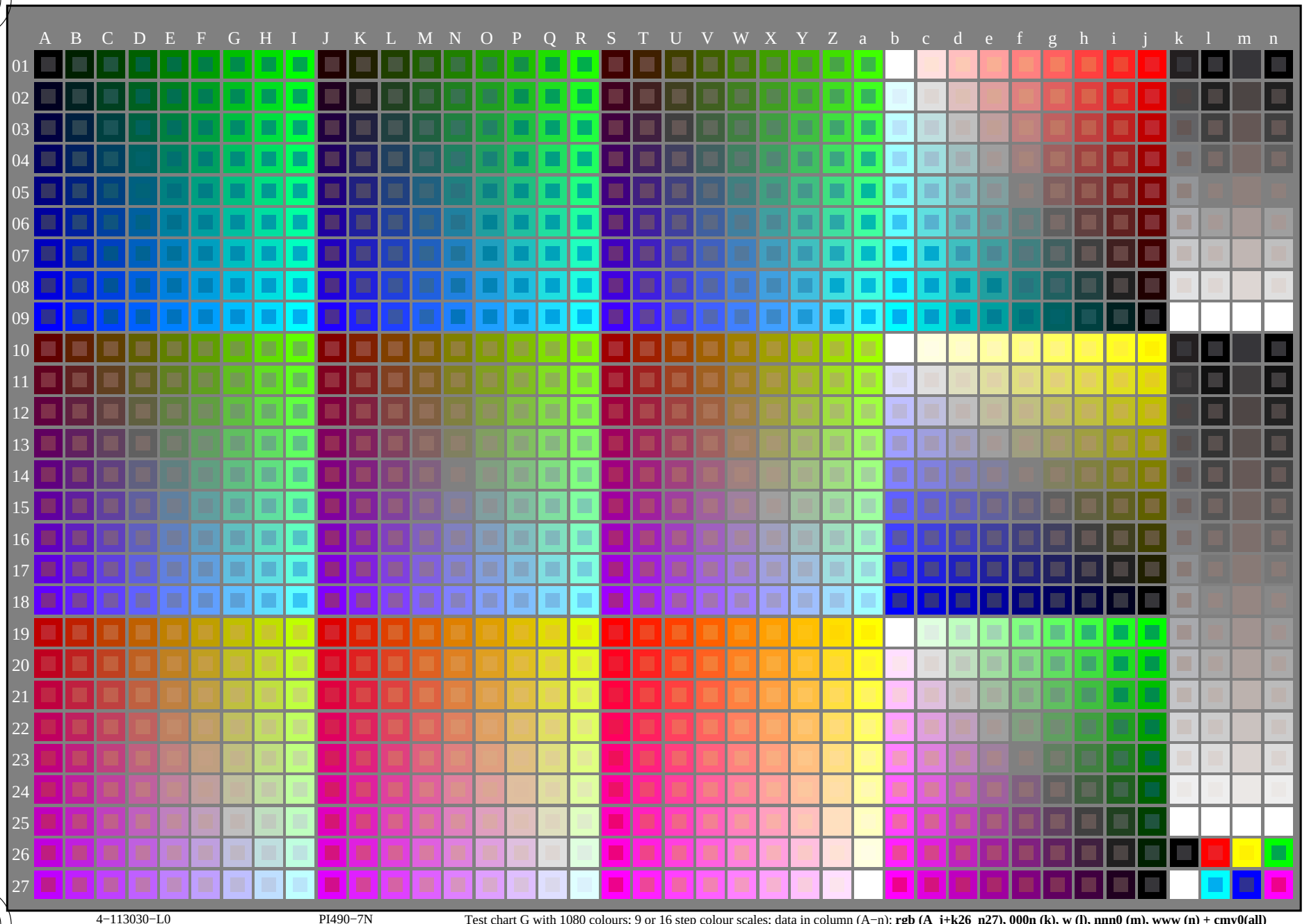
PI49S0P

http://farbe.li.tu-berlin.de/PI49/PI49L0FA.TXT /.PS; inizio dell'output
F: linearizzazione 3D PI49/PI49LI30FA.DAT nel file (F), pagine 1/22

vedi file simili: http://farbe.li.tu-berlin.de/PI49/PI49.HTM
informazioni tecniche: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

iscrizione TUB: 20160501-PI49/PI49L0FA.TXT /.PS
Applicatione per la misura dell'output output della stampante laser

TUB materiale: code=rha4ta

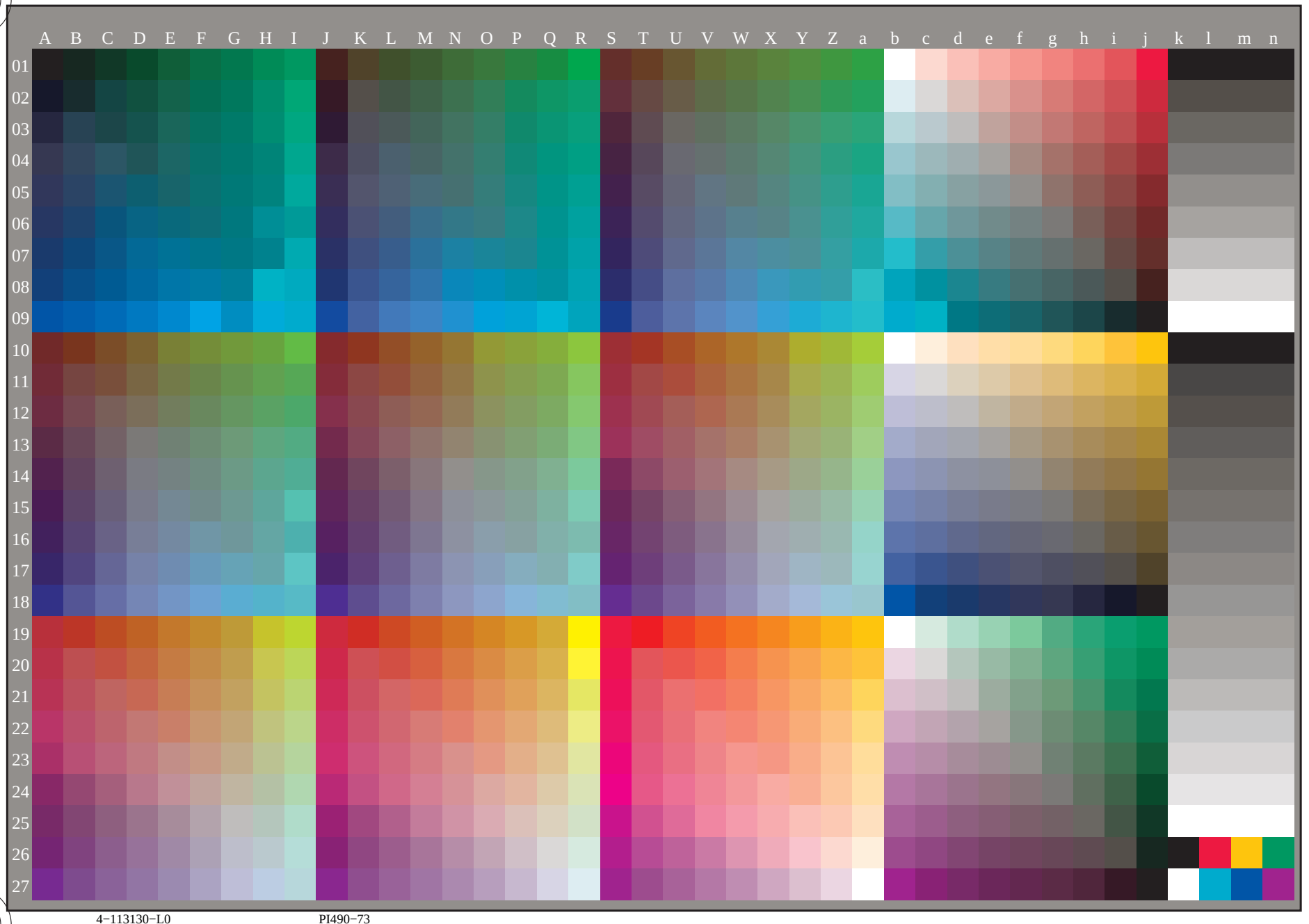


4−113030−L0 PI490−7N Test chart G with 1080 colours; 9 or 16 step colour scales; data in column (A−n): **rgb (A_j+k26_n27), 000n (k), w (l), nnn0 (m), www (n) + cmy0(all)**

Grafico TUB-PI49; grafico per il test
1080 colori di norma; tecnologia di immagine

Input: *rgb/cmyk −> rgb/cmyk*
Output: nessun cambiamento

http://farbe.li.tu-berlin.de/PI49/PI49L0FA.TXT /.PS; linearizzazione 3D
F: linearizzazione 3D PI49/PI49LI30FA.DAT nel file (F), pagine 2/22



vedi file simili: http://farbe.li.tu-berlin.de/PI49/PI49.HTM
informazioni tecniche: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

iscrizione TUB: 20160501-PI49/PI49L0FA.TXT /.PS
Applicatione per la misura dell'output output della stampante laser, separazione cmyn6* (CMYK)

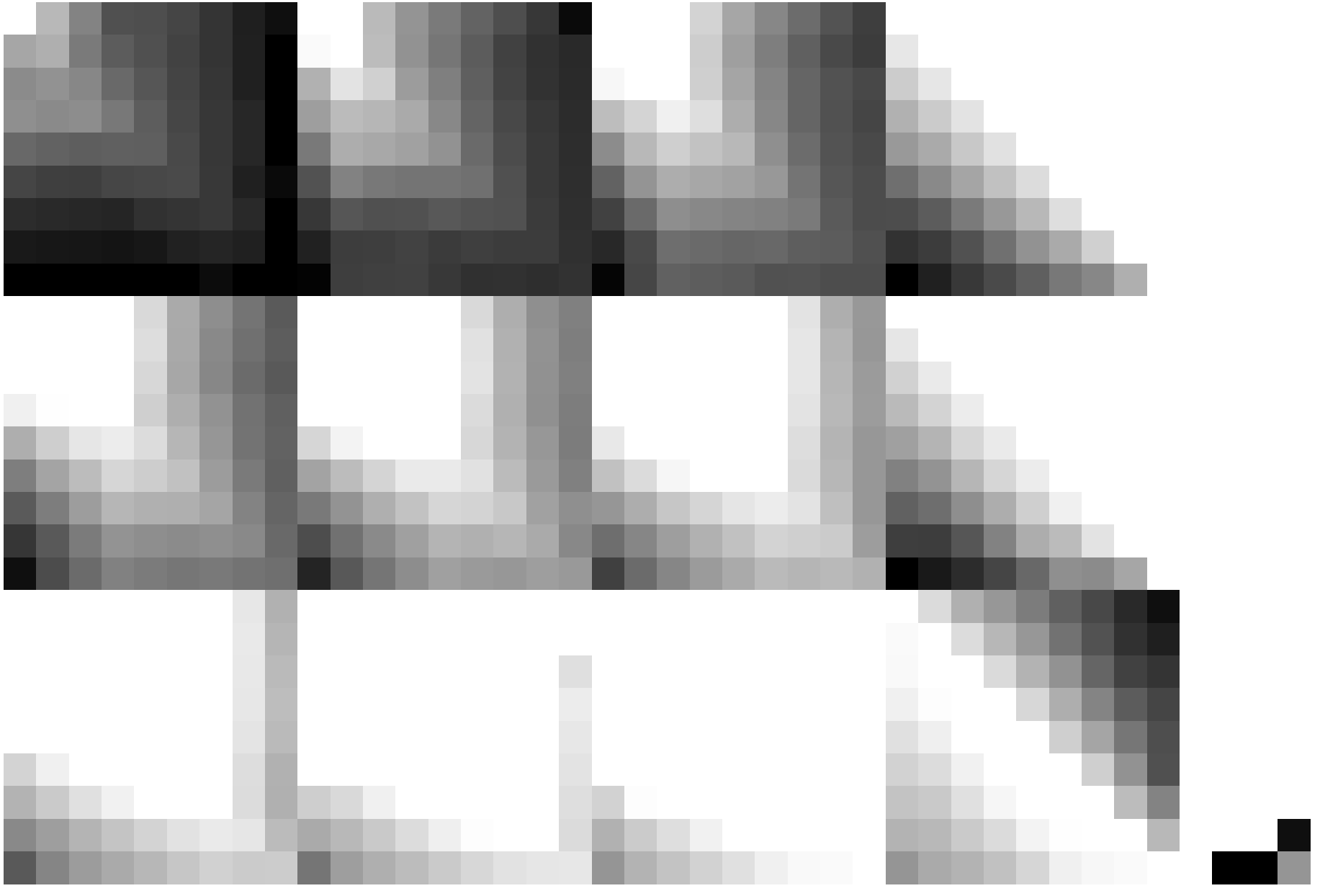
TUB materiale: code=rha4ta

4−113130−L0 PI490−73

Grafico TUB-PI49; grafico per il test
1080 colori di norma, 3D=1, de=1, *cmyk**

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

4−113130−F0



iscrizione TUB: 20160501-PI49/PI49L0FA.TXT /.PS
Applicatione per la misura dell'output output della stampante laser, separazione cmyn6* (CMYK)

TUB materiale: code=rha4ta

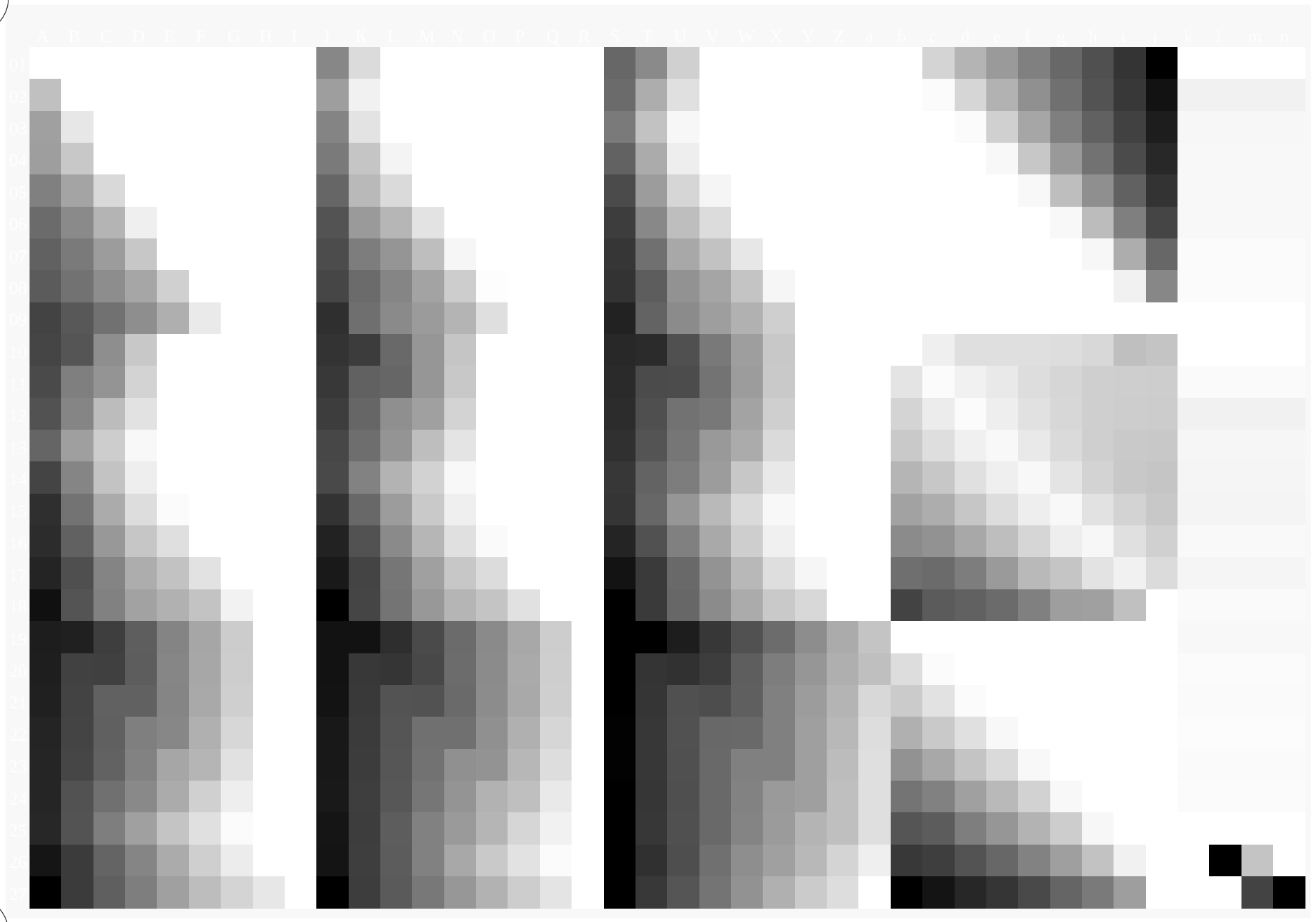
vedi file simili: http://farbe.li.tu-berlin.de/PI49/PI49.HTM
informazioni tecniche: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

4−113230−L0 PI490−73

Grafico TUB-PI49; grafico per il test
1080 colori di norma, 3D=1, de=1, *cmyk**

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

4−113230−F0



iscrizione TUB: 20160501-PI49/PI49L0FA.TXT /.PS
Applicatione per la misura dell'output output della stampante laser, separazione cmyn6* (CMYK)

TUB materiale: code=rha4ta

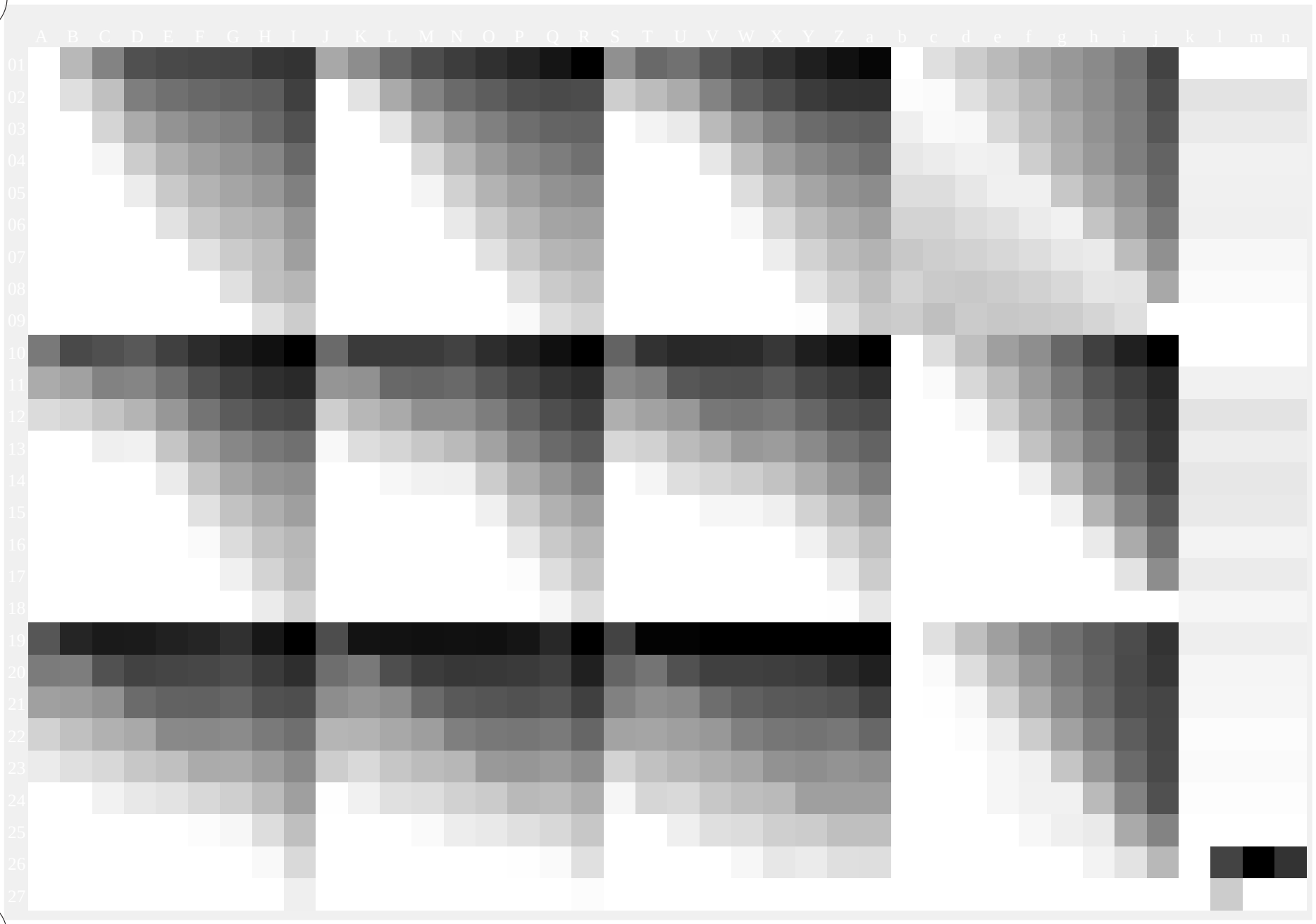
vedi file simili: http://farbe.li.tu-berlin.de/PI49/PI49.HTM
informazioni tecniche: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

4−113330−L0 PI490−73

Grafico TUB-PI49; grafico per il test
1080 colori di norma, 3D=1, de=1, *cmyk**

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

4−113330−F0



iscrizione TUB: 20160501-PI49/PI49L0FA.TXT /.PS
Applicatione per la misura dell'output output della stampante laser, separazione cmyn6* (CMYK)

TUB materiale: code=rha4ta

vedi file simili: http://farbe.li.tu-berlin.de/PI49/PI49.HTM
informazioni tecniche: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

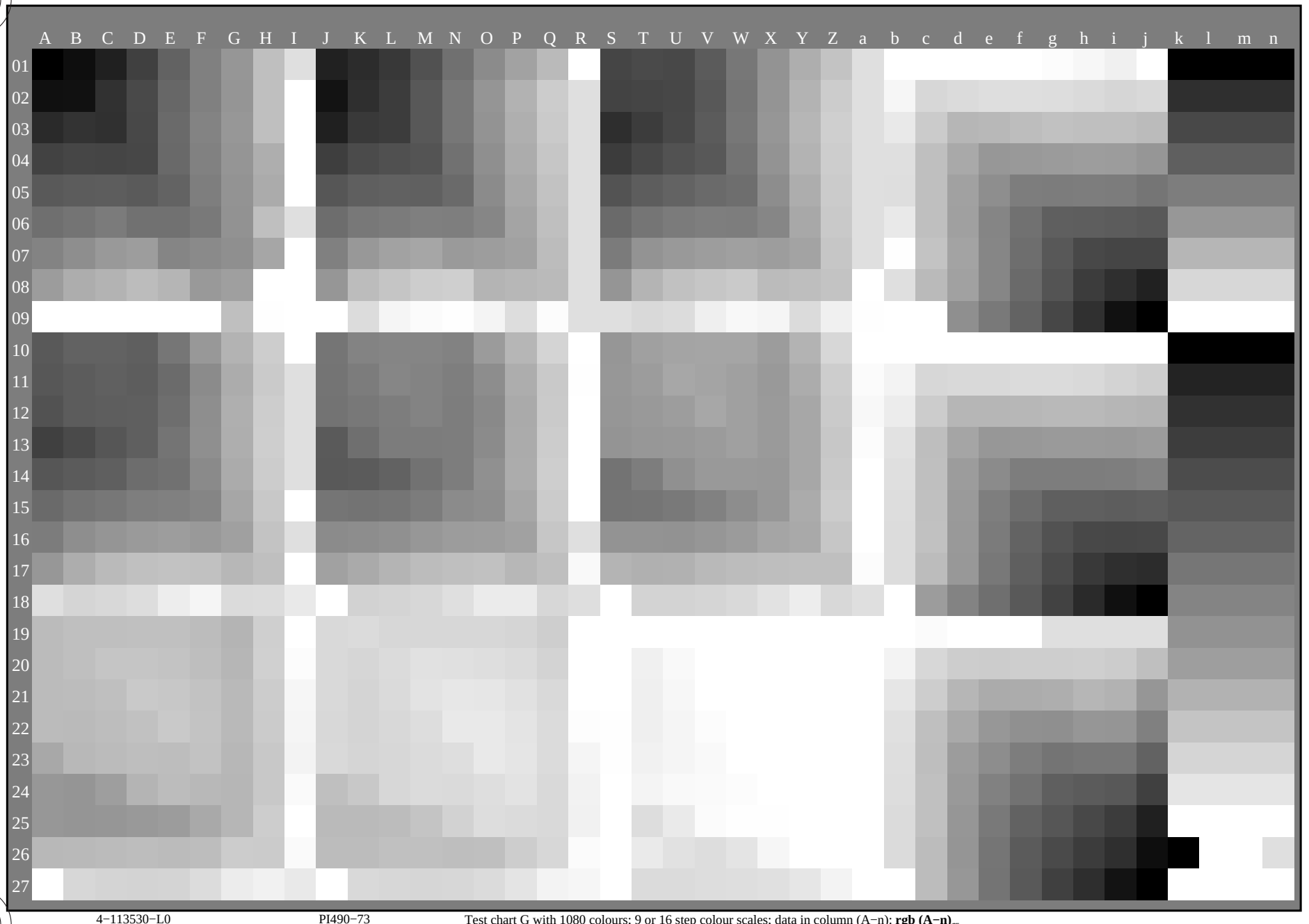
4-113430-L0 PI490-73

Grafico TUB-PI49; grafico per il test
1080 colori di norma, 3D=1, de=1, *cmyk**

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

4-113430-F0

http://farbe.li.tu-berlin.de/PI49/PI49L0FA.TXT /.PS; linearizzazione 3D
F: linearizzazione 3D PI49/PI49LI30FA.DAT nel file (F), pagine 6/22



vedi file simili: http://farbe.li.tu-berlin.de/PI49/PI49.HTM
informazioni tecniche: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

iscrizione TUB: 20160501-PI49/PI49L0FA.TXT /.PS
Applicatione per la misura dell'output output della stampante laser, separazione cmyn6* (CMYK)

TUB materiale: code=rha4ta

4−113530−L0 PI490−73 Test chart G with 1080 colours; 9 or 16 step colour scales; data in column (A−n): **rgb (A−n)**

Grafico TUB-PI49; grafico per il test
1080 colori di norma, 3D=1, de=1, *cmyk**

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

4−113530−F0

n/j	HIC*$_{Fde}$	*rgb*$_{Fde}$			*ict*$_{Fde}$			$h_{si_F,de}$	*rgb**$_{Fde}$			*LabCh**$_{Fde}$					*cmyn**$_{sep,Fde}$				$h_{siM,de}$	*rgb**$_{Mde}$			*LabCh**$_{Mde}$				
0/648	R00Y_100_100$_{de}$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4	0.0	1.0	0.735	0.0	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
1/657	R13Y_100_100$_{de}$	1.0	0.125	0.0	1.0	1.0	0.5	37	1.0	0.0	0.012	47.5	57.1	37.5	68.3	33.2	0.0	1.0	0.989	0.0	389	1.0	0.0	0.012	47.5	57.1	37.5	68.3	33.2
2/666	R25Y_100_100$_{de}$	1.0	0.25	0.0	1.0	1.0	0.5	44	1.0	0.108	0.0	51.4	54.8	47.7	72.6	41.0	0.0	0.886	0.987	0.001	35	1.0	0.108	0.0	51.4	54.8	47.7	72.6	41.0
3/675	R38Y_100_100$_{de}$	1.0	0.375	0.0	1.0	1.0	0.5	52	1.0	0.216	0.0	56.5	45.2	53.8	70.3	49.9	0.0	0.785	1.0	0.0	41	1.0	0.216	0.0	56.5	45.2	53.8	70.3	49.9
4/684	R50Y_100_100$_{de}$	1.0	0.5	0.0	1.0	1.0	0.5	60	1.0	0.319	0.0	61.8	35.2	58.4	68.2	58.8	0.0	0.683	1.0	0.0	48	1.0	0.319	0.0	61.8	35.2	58.4	68.2	58.8
5/693	R63Y_100_100$_{de}$	1.0	0.625	0.0	1.0	1.0	0.5	68	1.0	0.425	0.0	67.0	25.7	63.0	68.0	67.8	0.0	0.576	1.0	0.0	55	1.0	0.425	0.0	67.0	25.7	63.0	68.0	67.8
6/702	R75Y_100_100$_{de}$	1.0	0.75	0.0	1.0	1.0	0.5	76	1.0	0.551	0.0	72.3	16.1	68.2	70.1	76.7	0.0	0.448	1.0	0.0	63	1.0	0.551	0.0	72.3	16.1	68.2	70.1	76.7
7/711	R88Y_100_100$_{de}$	1.0	0.875	0.0	1.0	1.0	0.5	83	1.0	0.668	0.0	77.7	7.0	73.1	73.5	84.5	0.0	0.329	1.0	0.0	70	1.0	0.668	0.0	77.7	7.0	73.1	73.5	84.5
8/720	Y00G_100_100$_{de}$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3	0.0	0.231	0.999	0.001	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
9/639	Y13G_100_100$_{de}$	0.875	1.0	0.0	1.0	1.0	0.5	97	1.0	0.995	0.0	91.4	−15.5	84.4	85.8	100.4	0.0	0.0	1.0	0.0	89	1.0	0.995	0.0	91.4	−15.5	84.4	85.8	100.4
10/558	Y25G_100_100$_{de}$	0.75	1.0	0.0	1.0	1.0	0.5	104	0.697	1.0	0.0	85.8	−26.4	78.5	82.9	108.6	0.304	0.0	1.0	0.0	107	0.697	1.0	0.0	85.8	−26.4	78.5	82.9	108.6
11/477	Y38G_100_100$_{de}$	0.625	1.0	0.0	1.0	1.0	0.5	112	0.595	1.0	0.0	77.7	−34.4	64.9	73.5	117.9	0.403	0.0	1.0	0.0	113	0.595	1.0	0.0	77.7	−34.4	64.9	73.5	117.9
12/396	Y50G_100_100$_{de}$	0.5	1.0	0.0	1.0	1.0	0.5	120	0.5	1.0	0.0	71.0	−41.7	54.8	68.9	127.2	0.497	0.0	1.0	0.0	119	0.5	1.0	0.0	71.0	−41.7	54.8	68.9	127.2
13/315	Y63G_100_100$_{de}$	0.375	1.0	0.0	1.0	1.0	0.5	128	0.351	1.0	0.0	65.4	−49.4	46.7	68.0	136.5	0.647	0.0	1.0	0.0	129	0.351	1.0	0.0	65.4	−49.4	46.7	68.0	136.5
14/234	Y75G_100_100$_{de}$	0.25	1.0	0.0	1.0	1.0	0.5	136	0.227	1.0	0.0	59.9	−58.2	39.3	70.2	145.9	0.755	0.0	0.974	0.125	137	0.227	1.0	0.0	59.9	−58.2	39.3	70.2	145.9
15/153	Y88G_100_100$_{de}$	0.125	1.0	0.0	1.0	1.0	0.5	143	0.04	1.0	0.0	55.2	−65.9	32.0	73.3	154.0	0.959	0.0	0.999	0.0	147	0.04	1.0	0.0	55.2	−65.9	32.0	73.3	154.0
16/72	G00C_100_100$_{de}$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2	0.943	0.0	0.798	0.125	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
17/73	G13C_100_100$_{de}$	0.0	1.0	0.125	1.0	1.0	0.5	157	0.0	1.0	0.251	53.7	−63.1	12.7	64.3	168.6	1.0	0.0	0.748	0.0	163	0.0	1.0	0.251	53.7	−63.1	12.7	64.3	168.6
18/74	G25C_100_100$_{de}$	0.0	1.0	0.25	1.0	1.0	0.5	164	0.0	1.0	0.32	54.3	−59.8	5.2	60.1	175.0	1.0	0.0	0.683	0.0	168	0.0	1.0	0.32	54.3	−59.8	5.2	60.1	175.0
19/75	G38C_100_100$_{de}$	0.0	1.0	0.375	1.0	1.0	0.5	172	0.0	1.0	0.404	54.8	−55.6	−2.2	55.7	182.3	1.0	0.0	0.593	0.0	173	0.0	1.0	0.404	54.8	−55.6	−2.2	55.7	182.3
20/76	G50C_100_100$_{de}$	0.0	1.0	0.5	1.0	1.0	0.5	180	0.0	1.0	0.497	55.0	−51.6	−8.7	52.3	189.6	1.0	0.0	0.498	0.0	179	0.0	1.0	0.497	55.0	−51.6	−8.7	52.3	189.6
21/77	G63C_100_100$_{de}$	0.0	1.0	0.625	1.0	1.0	0.5	188	0.0	1.0	0.56	55.1	−48.2	−14.6	50.4	196.9	0.959	0.0	0.417	0.125	183	0.0	1.0	0.56	55.1	−48.2	−14.6	50.4	196.9
22/78	G75C_100_100$_{de}$	0.0	1.0	0.75	1.0	1.0	0.5	196	0.0	1.0	0.622	55.3	−44.3	−19.9	48.5	204.2	1.0	0.0	0.377	0.0	188	0.0	1.0	0.622	55.3	−44.3	−19.9	48.5	204.2
23/79	G88C_100_100$_{de}$	0.0	1.0	0.875	1.0	1.0	0.5	203	0.0	1.0	0.701	55.2	−41.4	−24.5	48.1	210.5	1.0	0.0	0.286	0.0	193	0.0	1.0	0.701	55.2	−41.4	−24.5	48.1	210.5
24/80	C00B_100_100$_{de}$	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9	1.0	0.0	0.2	0.0	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9
25/71	C13B_100_100$_{de}$	0.0	0.875	1.0	1.0	1.0	0.5	217	0.0	1.0	0.888	54.3	−36.1	−34.1	49.7	223.3	0.999	0.0	0.122	0.003	204	0.0	1.0	0.888	54.3	−36.1	−34.1	49.7	223.3
26/62	C25B_100_100$_{de}$	0.0	0.75	1.0	1.0	1.0	0.5	224	0.0	1.0	0.948	53.6	−33.1	−39.1	51.2	229.7	0.951	0.0	0.0	0.25	207	0.0	1.0	0.948	53.6	−33.1	−39.1	51.2	229.7
27/53	C38B_100_100$_{de}$	0.0	0.625	1.0	1.0	1.0	0.5	232	0.0	0.915	1.0	53.1	−28.6	−44.2	52.6	237.0	0.999	0.081	0.0	0.0	214	0.0	0.915	1.0	53.1	−28.6	−44.2	52.6	237.0
28/44	C50B_100_100$_{de}$	0.0	0.5	1.0	1.0	1.0	0.5	240	0.0	0.686	1.0	51.7	−23.3	−48.6	53.9	244.3	1.0	0.313	0.0	0.0	227	0.0	0.686	1.0	51.7	−23.3	−48.6	53.9	244.3
29/35	C63B_100_100$_{de}$	0.0	0.375	1.0	1.0	1.0	0.5	248	0.0	0.552	1.0	48.0	−16.4	−49.6	52.2	251.6	1.0	0.443	0.0	0.0	236	0.0	0.552	1.0	48.0	−16.4	−49.6	52.2	251.6
30/26	C75B_100_100$_{de}$	0.0	0.25	1.0	1.0	1.0	0.5	256	0.0	0.434	1.0	43.6	−9.6	−49.4	50.3	258.9	1.0	0.558	0.0	0.0	244	0.0	0.434	1.0	43.6	−9.6	−49.4	50.3	258.9
31/17	C88B_100_100$_{de}$	0.0	0.125	1.0	1.0	1.0	0.5	263	0.0	0.341	1.0	40.1	−4.0	−49.2	49.4	265.3	0.999	0.655	0.0	0.0	250	0.0	0.341	1.0	40.1	−4.0	−49.2	49.4	265.3
32/8	B00M_100_100$_{de}$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7	1.0	0.738	0.0	0.0	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
33/89	B13M_100_100$_{de}$	0.125	0.0	1.0	1.0	1.0	0.5	277	0.0	0.168	1.0	35.7	6.9	−47.2	47.7	278.3	0.988	0.816	0.0	0.0	260	0.0	0.168	1.0	35.7	6.9	−47.2	47.7	278.3
34/170	B25M_100_100$_{de}$	0.25	0.0	1.0	1.0	1.0	0.5	284	0.0	0.077	1.0	34.1	12.2	−45.8	47.4	285.0	0.978	0.865	0.0	0.125	266	0.0	0.077	1.0	34.1	12.2	−45.8	47.4	285.0
35/251	B38M_100_100$_{de}$	0.375	0.0	1.0	1.0	1.0	0.5	292	0.026	0.0	1.0	32.3	18.3	−44.1	47.8	292.5	0.942	0.938	0.0	0.125	271	0.026	0.0	1.0	32.3	18.3	−44.1	47.8	292.5
36/332	B50M_100_100$_{de}$	0.5	0.0	1.0	1.0	1.0	0.5	300	0.138	0.0	1.0	31.5	24.4	−41.9	48.5	300.1	0.858	1.0	0.0	0.0	277	0.138	0.0	1.0	31.5	24.4	−41.9	48.5	300.1
37/413	B63M_100_100$_{de}$	0.625	0.0	1.0	1.0	1.0	0.5	308	0.249	0.0	1.0	31.0	30.5	−39.4	49.8	307.7	0.749	0.999	0.0	0.0	283	0.249	0.0	1.0	31.0	30.5	−39.4	49.8	307.7
38/494	B75M_100_100$_{de}$	0.75	0.0	1.0	1.0	1.0	0.5	316	0.347	0.0	1.0	33.5	36.5	−36.1	51.4	315.3	0.65	1.0	0.0	0.0	289	0.347	0.0	1.0	33.5	36.5	−36.1	51.4	315.3
39/575	B88M_100_100$_{de}$	0.875	0.0	1.0	1.0	1.0	0.5	323	0.455	0.0	1.0	36.1	41.4	−32.4	52.6	321.9	0.542	1.0	0.0	0.0	297	0.455	0.0	1.0	36.1	41.4	−32.4	52.6	321.9
40/656	M00R_100_100$_{de}$	1.0	0.0	1.0	1.0	1.0	0.5	330	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6	0.415	1.0	0.0	0.0	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
41/655	M13R_100_100$_{de}$	1.0	0.0	0.875	1.0	1.0	0.5	337	0.696	0.0	1.0	40.6	52.3	−24.1	57.6	335.2	0.304	0.999	0.0	0.0	312	0.696	0.0	1.0	40.6	52.3	−24.1	57.6	335.2
42/654	M25R_100_100$_{de}$	1.0	0.0	0.75	1.0	1.0	0.5	344	0.825	0.0	1.0	44.1	58.2	−19.0	61.2	341.8	0.176	0.998	0.0	0.0	320	0.825	0.0	1.0	44.1	58.2	−19.0	61.2	341.8
43/653	M38R_100_100$_{de}$	1.0	0.0	0.625	1.0	1.0	0.5	352	1.0	0.0	0.964	48.5	65.6	−12.2	66.7	349.4	0.0	0.999	0.033	0.0	331	1.0	0.0	0.964	48.5	65.6	−12.2	66.7	349.4
44/652	M50R_100_100$_{de}$	1.0	0.0	0.5	1.0	1.0	0.5	360	1.0	0.0	0.827	49.4	65.5	−9.1	66.2	352.0	0.0	0.994	0.174	0.001	339	1.0	0.0	0.827	49.4	65.5	−9.1	66.2	352.0
45/651	M63R_100_100$_{de}$	1.0	0.0	0.375	1.0	1.0	0.5	368	1.0	0.0	0.641	48.1	62.2	1.0	62.2	0.9	0.0	0.991	0.359	0.004	350	1.0	0.0	0.641	48.1	62.2	1.0	62.2	0.9
46/650	M75R_100_100$_{de}$	1.0	0.0	0.25	1.0	1.0	0.5	376	1.0	0.0	0.501	47.8	59.0	10.2	59.9	9.8	0.0	0.999	0.495	0.0	359	1.0	0.0	0.501	47.8	59.0	10.2	59.9	9.8
47/649	M88R_100_100$_{de}$	1.0	0.0	0.125	1.0	1.0	0.5	383	1.0	0.0	0.392	47.4	57.2	18.2	60.0	17.6	0.0	1.0	0.605	0.0	367	1.0	0.0	0.392	47.4	57.2	18.2	60.0	17.6
48/648	R00Y_100_100$_{de}$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4	0.0	1.0	0.735	0.0	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
49/0	NW_000$_{de}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	23.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
50/91	NW_013$_{de}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	32.8	0.0	0.0	0.0	0.0	0.0	0.054	0.11	0.815	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
51/182	NW_025$_{de}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	41.8	0.0	0.0	0.0	0.0	0.0	0.032	0.082	0.716	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
52/273	NW_038$_{de}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	50.8	0.0	0.0	0.0	0.0	0.0	0.026	0.052	0.629	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
53/364	NW_050$_{de}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	59.8	0.0	0.0	0.0	0.0	0.0	0.029	0.059	0.51	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
54/455	NW_063$_{de}$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	68.8	0.0	0.0	0.0	0.0	0.0	0.028	0.063	0.409	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
55/546	NW_075$_{de}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	77.8	0.0	0.0	0.0	0.0	0.0	0.015	0.029	0.286	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
56/637	NW_088$_{de}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.8	0.0	0.0	0.0	0.0	0.0	0.017	0.018	0.158	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
57/728	NW_100$_{de}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0

delta

Grafico TUB-PI49; grafico per il test colori e la differenza, $\Delta E'^*$, 3D=1, de=1, *cmyk**

Input: *rgb/cmyk* −> *rgb*$_{de}$
Output: 3D-linearizzazione a *cmyk**$_{de}$

vedi file simili: http://farbe.li.tu-berlin.de/PI49/PI49.HTM
informazioni tecniche: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

iscrizione TUB: 20160501-PI49/PI49L0FA.TXT /.PS
Applicatione per la misura dell'output output della stampante laser, separazione cmyn6* (CMYK)
TUB materiale: code=rha4ta

n/j	HIC*$_{Fde}$	*rgb*$_{Fde}$			*ict*$_{Fde}$			$h_{si_F,de}$	*rgb**$_{Fde}$			*LabCh**$_{Fde}$					*cmyn**$_{sep,Fde}$				$h_{siM,de}$	*rgb**$_{Mde}$			*LabCh**$_{Mde}$				
0/648	R00Y_100_100$_{de}$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4	0.0	1.0	0.735	0.0	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
1/666	R25Y_100_100$_{de}$	1.0	0.25	0.0	1.0	1.0	0.5	44	1.0	0.108	0.0	51.4	54.8	47.7	72.6	41.0	0.0	0.886	0.987	0.001	35	1.0	0.108	0.0	51.4	54.8	47.7	72.6	41.0
2/684	R50Y_100_100$_{de}$	1.0	0.5	0.0	1.0	1.0	0.5	60	1.0	0.319	0.0	61.8	35.2	58.4	68.2	58.8	0.0	0.683	1.0	0.0	48	1.0	0.319	0.0	61.8	35.2	58.4	68.2	58.8
3/702	R75Y_100_100$_{de}$	1.0	0.75	0.0	1.0	1.0	0.5	76	1.0	0.551	0.0	72.3	16.1	68.2	70.1	76.7	0.0	0.448	1.0	0.0	63	1.0	0.551	0.0	72.3	16.1	68.2	70.1	76.7
4/720	Y00G_100_100$_{de}$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3	0.0	0.231	0.999	0.001	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
5/558	Y25G_100_100$_{de}$	0.75	1.0	0.0	1.0	1.0	0.5	104	0.697	1.0	0.0	85.8	−26.4	78.5	82.9	108.6	0.304	0.0	1.0	0.0	107	0.697	1.0	0.0	85.8	−26.4	78.5	82.9	108.6
6/396	Y50G_100_100$_{de}$	0.5	1.0	0.0	1.0	1.0	0.5	120	0.5	1.0	0.0	71.0	−41.7	54.8	68.9	127.2	0.497	0.0	1.0	0.0	119	0.5	1.0	0.0	71.0	−41.7	54.8	68.9	127.2
7/234	Y75G_100_100$_{de}$	0.25	1.0	0.0	1.0	1.0	0.5	136	0.227	1.0	0.0	59.9	−58.2	39.3	70.2	145.9	0.755	0.0	0.974	0.125	137	0.227	1.0	0.0	59.9	−58.2	39.3	70.2	145.9
8/72	G00B_100_100$_{de}$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2	0.943	0.0	0.798	0.125	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
9/72	G00B_100_100$_{de}$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2	0.943	0.0	0.798	0.125	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
10/76	G25B_100_100$_{de}$	0.0	1.0	0.5	1.0	1.0	0.5	180	0.0	1.0	0.497	55.0	−51.6	−8.7	52.3	189.6	1.0	0.0	0.498	0.0	179	0.0	1.0	0.497	55.0	−51.6	−8.7	52.3	189.6
11/80	G50B_100_100$_{de}$	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9	1.0	0.0	0.2	0.0	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9
12/44	G75B_100_100$_{de}$	0.0	0.5	1.0	1.0	1.0	0.5	240	0.0	0.686	1.0	51.7	−23.3	−48.6	53.9	244.3	1.0	0.313	0.0	0.0	227	0.0	0.686	1.0	51.7	−23.3	−48.6	53.9	244.3
13/8	B00M_100_100$_{de}$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7	1.0	0.738	0.0	0.0	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
14/332	B25R_100_100$_{de}$	0.5	0.0	1.0	1.0	1.0	0.5	300	0.138	0.0	1.0	31.5	24.4	−41.9	48.5	300.1	0.858	1.0	0.0	0.0	277	0.138	0.0	1.0	31.5	24.4	−41.9	48.5	300.1
15/656	B50R_100_100$_{de}$	1.0	0.0	1.0	1.0	1.0	0.5	330	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6	0.415	1.0	0.0	0.0	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
16/652	B75R_100_100$_{de}$	1.0	0.0	0.5	1.0	1.0	0.5	360	1.0	0.0	0.827	49.4	65.5	−9.1	66.2	352.0	0.0	0.994	0.174	0.001	339	1.0	0.0	0.827	49.4	65.5	−9.1	66.2	352.0
17/648	R00Y_100_100$_{de}$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4	0.0	1.0	0.735	0.0	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
18/688	R00Y_100_050$_{de}$	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.631	71.6	28.0	13.3	31.0	25.4	0.0	0.499	0.348	0.0	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
19/706	R50Y_100_050$_{de}$	1.0	0.75	0.5	1.0	0.5	0.75	60	1.0	0.659	0.5	78.8	17.6	29.2	34.1	58.8	0.0	0.376	0.444	0.0	48	1.0	0.319	0.0	61.8	35.2	58.4	68.2	58.8
20/724	Y00G_100_050$_{de}$	1.0	1.0	0.5	1.0	0.5	0.75	90	1.0	0.884	0.5	89.7	−1.5	38.4	38.4	92.3	0.0	0.125	0.443	0.0	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
21/562	Y50G_100_050$_{de}$	0.75	1.0	0.5	1.0	0.5	0.75	120	0.75	1.0	0.5	83.4	−20.8	27.4	34.4	127.2	0.269	0.0	0.458	0.046	119	0.5	1.0	0.0	71.0	−41.7	54.8	68.9	127.2
22/400	G00B_100_050$_{de}$	0.5	1.0	0.5	1.0	0.5	0.75	150	0.5	1.0	0.573	74.8	−32.9	10.5	34.6	162.2	0.515	0.0	0.498	0.0	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
23/404	G50B_100_050$_{de}$	0.5	1.0	1.0	1.0	0.5	0.75	210	0.5	1.0	0.895	75.4	−19.3	−14.5	24.2	216.9	0.399	0.0	0.132	0.128	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9
24/368	B00R_100_050$_{de}$	0.5	0.5	1.0	1.0	0.5	0.75	270	0.5	0.63	1.0	66.5	0.7	−24.3	24.3	271.7	0.373	0.288	0.0	0.127	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
25/692	B50R_100_050$_{de}$	1.0	0.5	1.0	1.0	0.5	0.75	330	0.792	0.5	1.0	67.1	23.3	−14.2	27.3	328.6	0.121	0.428	0.0	0.13	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
26/688	R00Y_100_050$_{de}$	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.631	71.6	28.0	13.3	31.0	25.4	0.0	0.499	0.348	0.0	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
27/506	R00Y_075_050$_{de}$	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.381	53.7	28.0	13.3	31.0	25.4	0.0	0.618	0.428	0.251	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
28/524	R50Y_075_050$_{de}$	0.75	0.5	0.25	0.75	0.5	0.5	60	0.75	0.409	0.25	60.8	17.6	29.2	34.1	58.8	0.0	0.476	0.613	0.22	48	1.0	0.319	0.0	61.8	35.2	58.4	68.2	58.8
29/542	Y00G_075_050$_{de}$	0.75	0.75	0.25	0.75	0.5	0.5	90	0.75	0.634	0.25	71.7	−1.5	38.4	38.4	92.3	0.0	0.187	0.598	0.276	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
30/380	Y50G_075_050$_{de}$	0.5	0.75	0.25	0.75	0.5	0.5	120	0.5	0.75	0.25	65.4	−20.8	27.4	34.4	127.2	0.301	0.0	0.609	0.334	119	0.5	1.0	0.0	71.0	−41.7	54.8	68.9	127.2
31/218	G00B_075_050$_{de}$	0.25	0.75	0.25	0.75	0.5	0.5	150	0.25	0.75	0.323	56.8	−32.9	10.5	34.6	162.2	0.604	0.0	0.579	0.286	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
32/222	G50B_075_050$_{de}$	0.25	0.75	0.75	0.75	0.5	0.5	210	0.25	0.75	0.645	57.4	−19.3	−14.5	24.2	216.9	0.522	0.0	0.176	0.36	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9
33/186	B00R_075_050$_{de}$	0.25	0.25	0.75	0.75	0.5	0.5	270	0.25	0.38	0.75	48.5	0.7	−24.3	24.3	271.7	0.442	0.341	0.0	0.398	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
34/510	B50R_075_050$_{de}$	0.75	0.25	0.75	0.75	0.5	0.5	330	0.542	0.25	0.75	49.1	23.3	−14.2	27.3	328.6	0.122	0.504	0.0	0.411	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
35/506	R00Y_075_050$_{de}$	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.381	53.7	28.0	13.3	31.0	25.4	0.0	0.618	0.428	0.251	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
36/324	R00Y_050_050$_{de}$	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.131	35.7	28.0	13.3	31.0	25.4	0.0	0.799	0.583	0.542	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
37/342	R50Y_050_050$_{de}$	0.5	0.25	0.0	0.5	0.5	0.25	60	0.5	0.159	0.0	42.8	17.6	29.2	34.1	58.8	0.0	0.586	0.768	0.476	48	1.0	0.319	0.0	61.8	35.2	58.4	68.2	58.8
38/360	Y00G_050_050$_{de}$	0.5	0.5	0.0	0.5	0.5	0.25	90	0.5	0.384	0.0	53.7	−1.5	38.4	38.4	92.3	0.0	0.227	0.741	0.491	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
39/198	Y50G_050_050$_{de}$	0.25	0.5	0.0	0.5	0.5	0.25	120	0.25	0.5	0.0	47.4	−20.8	27.4	34.4	127.2	0.349	0.0	0.75	0.532	119	0.5	1.0	0.0	71.0	−41.7	54.8	68.9	127.2
40/36	G00B_050_050$_{de}$	0.0	0.5	0.0	0.5	0.5	0.25	150	0.0	0.5	0.073	38.8	−32.9	10.5	34.6	162.2	0.694	0.0	0.714	0.614	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
41/40	G50B_050_050$_{de}$	0.0	0.5	0.5	0.5	0.5	0.25	210	0.0	0.5	0.395	39.4	−19.3	−14.5	24.2	216.9	0.626	0.0	0.211	0.61	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9
42/4	B00R_050_050$_{de}$	0.0	0.0	0.5	0.5	0.5	0.25	270	0.0	0.13	0.5	30.5	0.7	−24.3	24.3	271.7	0.591	0.497	0.0	0.652	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
43/328	B50R_050_050$_{de}$	0.5	0.0	0.5	0.5	0.5	0.25	330	0.292	0.0	0.5	31.1	23.3	−14.2	27.3	328.6	0.158	0.714	0.0	0.651	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
44/324	R00Y_050_050$_{de}$	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.131	35.7	28.0	13.3	31.0	25.4	0.0	0.799	0.583	0.542	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
45/0	NW_000$_{de}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	23.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
46/91	NW_013$_{de}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	32.8	0.0	0.0	0.0	0.0	0.0	0.054	0.11	0.815	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
47/182	NW_025$_{de}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	41.8	0.0	0.0	0.0	0.0	0.0	0.032	0.082	0.716	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
48/273	NW_038$_{de}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	50.8	0.0	0.0	0.0	0.0	0.0	0.026	0.052	0.629	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
49/364	NW_050$_{de}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	59.8	0.0	0.0	0.0	0.0	0.0	0.029	0.059	0.51	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
50/455	NW_063$_{de}$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	68.8	0.0	0.0	0.0	0.0	0.0	0.028	0.063	0.409	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
51/546	NW_075$_{de}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	77.8	0.0	0.0	0.0	0.0	0.0	0.015	0.029	0.286	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
52/637	NW_088$_{de}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.8	0.0	0.0	0.0	0.0	0.0	0.017	0.018	0.158	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
53/728	NW_100$_{de}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0

delta

4−113730−F0 PI490−7N, 8/22−F

Grafico TUB-PI49; grafico per il test colori e la differenza, $\Delta E'^*$, 3D=1, de=1, *cmyk**

Input: *rgb/cmyk* −> *rgb*$_{de}$
Output: 3D-linearizzazione a *cmyk**$_{de}$

vedi file simili: http://farbe.li.tu-berlin.de/PI49/PI49.HTM
informazioni tecniche: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

iscrizione TUB: 20160501-PI49/PI49L0FA.TXT /.PS
Applicatione per la misura dell'output output della stampante laser, separazione cmyn6* (CMYK)
TUB materiale: code=rha4ta

n=j	HIC*$_{Fde}$	*rgb*$_{Fde}$			*ict*$_{Fde}$			h_{si_Fde}	*rgb**$_{Fde}$			*LabCh**$_{Fde}$				*cmyn*$^*_{sep,Fde}$				$h_{siM,de}$	*rgb**$_{Mde}$			*LabCh**$_{Mde}$				
0	0_{de}	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	23.8	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
1	1_{de}	0.0	0.0	0.125	0.125	0.125	0.062	270	0.0	0.032	0.125	25.5	0.1	−6.0	6.0	271.7	0.347	0.246	0.0	0.937	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
2	2_{de}	0.0	0.0	0.25	0.25	0.25	0.125	270	0.0	0.065	0.25	27.2	0.3	−12.1	12.1	271.7	0.453	0.37	0.0	0.835	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
3	3_{de}	0.0	0.0	0.375	0.375	0.375	0.187	270	0.0	0.097	0.375	28.8	0.5	−18.2	18.2	271.7	0.438	0.38	0.0	0.74	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
4	4_{de}	0.0	0.0	0.5	0.5	0.5	0.25	270	0.0	0.13	0.5	30.5	0.7	−24.3	24.3	271.7	0.591	0.497	0.0	0.652	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
5	5_{de}	0.0	0.0	0.625	0.625	0.625	0.312	270	0.0	0.163	0.625	32.2	0.9	−30.4	30.4	271.7	0.729	0.579	0.0	0.563	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
6	6_{de}	0.0	0.0	0.75	0.75	0.75	0.375	270	0.0	0.195	0.75	33.9	1.1	−36.5	36.5	271.7	0.827	0.62	0.0	0.485	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
7	7_{de}	0.0	0.0	0.875	0.875	0.875	0.437	270	0.0	0.228	0.875	35.6	1.2	−42.6	42.6	271.7	0.902	0.643	0.0	0.388	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
8	8_{de}	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7	1.0	0.738	0.0	0.0	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
9	9_{de}	0.0	0.125	0.0	0.125	0.125	0.062	150	0.0	0.125	0.018	27.5	−8.2	2.6	8.6	162.2	0.279	0.0	0.279	0.944	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
10	10_{de}	0.0	0.125	0.125	0.125	0.125	0.062	210	0.0	0.125	0.098	27.7	−4.8	−3.6	6.0	216.9	0.313	0.0	0.125	0.935	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9
11	11_{de}	0.0	0.125	0.25	0.25	0.25	0.125	240	0.0	0.171	0.25	30.8	−5.8	−12.1	13.4	244.3	0.426	0.095	0.0	0.799	227	0.0	0.686	1.0	51.7	−23.3	−48.6	53.9	244.3
12	12_{de}	0.0	0.125	0.375	0.375	0.375	0.187	251	0.0	0.19	0.375	32.3	−5.1	−18.5	19.2	254.3	0.456	0.216	0.0	0.724	239	0.0	0.508	1.0	46.4	−13.8	−49.4	51.3	254.3
13	13_{de}	0.0	0.125	0.5	0.5	0.5	0.25	256	0.0	0.217	0.5	33.7	−4.8	−24.7	25.1	258.9	0.614	0.357	0.0	0.64	244	0.0	0.434	1.0	43.6	−9.6	−49.4	50.3	258.9
14	14_{de}	0.0	0.125	0.625	0.625	0.625	0.312	259	0.0	0.244	0.625	35.1	−4.5	−30.8	31.1	261.6	0.75	0.457	0.0	0.545	247	0.0	0.39	1.0	42.0	−7.2	−49.3	49.8	261.6
15	15_{de}	0.0	0.125	0.75	0.75	0.75	0.375	261	0.0	0.273	0.75	36.7	−4.1	−36.9	37.1	263.5	0.841	0.521	0.0	0.443	248	0.0	0.364	1.0	41.0	−5.5	−49.2	49.5	263.5
16	16_{de}	0.0	0.125	0.875	0.875	0.875	0.437	262	0.0	0.308	0.875	38.5	−4.1	−43.1	43.3	264.4	0.908	0.551	0.0	0.322	249	0.0	0.352	1.0	40.6	−4.7	−49.2	49.4	264.4
17	17_{de}	0.0	0.125	1.0	1.0	1.0	0.5	263	0.0	0.341	1.0	40.1	−4.0	−49.2	49.4	265.3	0.999	0.655	0.0	0.0	250	0.0	0.341	1.0	40.1	−4.0	−49.2	49.4	265.3
18	18_{de}	0.0	0.25	0.0	0.25	0.25	0.125	150	0.0	0.25	0.036	31.3	−16.4	5.2	17.3	162.2	0.484	0.0	0.484	0.874	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
19	19_{de}	0.0	0.25	0.125	0.25	0.25	0.125	180	0.0	0.25	0.124	31.6	−12.9	−2.1	13.0	189.6	0.522	0.0	0.248	0.807	179	0.0	1.0	0.497	55.0	−51.6	−8.7	52.3	189.6
20	20_{de}	0.0	0.25	0.25	0.25	0.25	0.125	210	0.0	0.25	0.197	31.6	−9.6	−7.2	12.1	216.9	0.471	0.0	0.163	0.811	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9
21	21_{de}	0.0	0.25	0.375	0.375	0.375	0.187	229	0.0	0.375	0.372	34.8	−11.4	−15.9	19.6	234.3	0.448	0.0	0.039	0.73	209	0.0	1.0	0.992	53.2	−30.5	−42.5	52.3	234.3
22	22_{de}	0.0	0.25	0.5	0.5	0.5	0.25	240	0.0	0.343	0.5	37.7	−11.6	−24.3	26.9	244.3	0.63	0.147	0.0	0.634	227	0.0	0.686	1.0	51.7	−23.3	−48.6	53.9	244.3
23	23_{de}	0.0	0.25	0.625	0.625	0.625	0.312	247	0.0	0.354	0.625	39.2	−10.8	−31.0	32.8	250.7	0.754	0.295	0.0	0.517	235	0.0	0.567	1.0	48.5	−17.3	−49.6	52.5	250.7
24	24_{de}	0.0	0.25	0.75	0.75	0.75	0.375	251	0.0	0.381	0.75	40.8	−10.3	−37.0	38.5	254.3	0.848	0.388	0.0	0.399	239	0.0	0.508	1.0	46.4	−13.8	−49.4	51.3	254.3
25	25_{de}	0.0	0.25	0.875	0.875	0.875	0.437	254	0.0	0.406	0.875	42.1	−9.8	−43.2	44.4	257.1	0.915	0.448	0.0	0.296	242	0.0	0.464	1.0	44.7	−11.2	−49.4	50.7	257.1
26	26_{de}	0.0	0.25	1.0	1.0	1.0	0.5	256	0.0	0.434	1.0	43.6	−9.6	−49.4	50.3	258.9	1.0	0.558	0.0	0.0	244	0.0	0.434	1.0	43.6	−9.6	−49.4	50.3	258.9
27	27_{de}	0.0	0.375	0.0	0.375	0.375	0.187	150	0.0	0.375	0.055	35.0	−24.7	7.9	25.9	162.2	0.686	0.0	0.686	0.75	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
28	28_{de}	0.0	0.375	0.125	0.375	0.375	0.187	169	0.0	0.375	0.138	35.4	−21.4	0.1	21.4	179.5	0.637	0.0	0.506	0.713	171	0.0	1.0	0.37	54.7	−57.0	0.4	57.0	179.5
29	29_{de}	0.0	0.375	0.25	0.375	0.375	0.187	191	0.0	0.375	0.218	35.6	−17.5	−6.2	18.6	199.6	0.587	0.0	0.33	0.717	185	0.0	1.0	0.583	55.2	−46.8	−16.7	49.7	199.6
30	30_{de}	0.0	0.375	0.375	0.375	0.375	0.187	210	0.0	0.375	0.296	35.5	−14.5	−10.9	18.1	216.9	0.528	0.0	0.199	0.721	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9
31	31_{de}	0.0	0.375	0.5	0.5	0.5	0.25	224	0.0	0.5	0.474	38.7	−16.5	−19.5	25.6	229.7	0.624	0.0	0.075	0.646	207	0.0	1.0	0.948	53.6	−33.1	−39.1	51.2	229.7
32	32_{de}	0.0	0.375	0.625	0.625	0.625	0.312	233	0.0	0.547	0.625	42.1	−17.4	−27.9	32.9	237.9	0.725	0.062	0.0	0.554	216	0.0	0.875	1.0	53.1	−27.9	−44.7	52.7	237.9
33	33_{de}	0.0	0.375	0.75	0.75	0.75	0.375	240	0.0	0.514	0.75	44.7	−17.5	−36.4	40.4	244.3	0.853	0.22	0.0	0.385	227	0.0	0.686	1.0	51.7	−23.3	−48.6	53.9	244.3
34	34_{de}	0.0	0.375	0.875	0.875	0.875	0.437	245	0.0	0.522	0.875	46.3	−16.7	−43.4	46.5	248.9	0.922	0.348	0.0	0.263	233	0.0	0.597	1.0	49.6	−19.1	−49.6	53.1	248.9
35	35_{de}	0.0	0.375	1.0	1.0	1.0	0.5	248	0.0	0.552	1.0	48.0	−16.4	−49.6	52.2	251.6	1.0	0.443	0.0	0.0	236	0.0	0.552	1.0	48.0	−16.4	−49.6	52.2	251.6
36	36_{de}	0.0	0.5	0.0	0.5	0.5	0.25	150	0.0	0.5	0.073	38.8	−32.9	10.5	34.6	162.2	0.694	0.0	0.714	0.614	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
37	37_{de}	0.0	0.5	0.125	0.5	0.5	0.25	164	0.0	0.5	0.16	39.0	−29.9	2.6	30.0	175.0	0.687	0.0	0.558	0.597	168	0.0	1.0	0.32	54.3	−59.8	5.2	60.1	175.0
38	38_{de}	0.0	0.5	0.25	0.5	0.5	0.25	180	0.0	0.5	0.248	39.4	−25.8	−4.3	26.1	189.6	0.662	0.0	0.425	0.584	179	0.0	1.0	0.497	55.0	−51.6	−8.7	52.3	189.6
39	39_{de}	0.0	0.5	0.375	0.5	0.5	0.25	196	0.0	0.5	0.311	39.6	−22.1	−9.9	24.2	204.2	0.635	0.0	0.308	0.586	188	0.0	1.0	0.622	55.3	−44.3	−19.9	48.5	204.2
40	40_{de}	0.0	0.5	0.5	0.5	0.5	0.25	210	0.0	0.5	0.395	39.4	−19.3	−14.5	24.2	216.9	0.626	0.0	0.211	0.61	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9
41	41_{de}	0.0	0.5	0.625	0.625	0.625	0.312	221	0.0	0.625	0.576	42.6	−21.5	−23.1	31.6	227.0	0.715	0.0	0.112	0.556	206	0.0	1.0	0.922	53.9	−34.5	−37.0	50.6	227.0
42	42_{de}	0.0	0.5	0.75	0.75	0.75	0.375	229	0.0	0.75	0.744	45.8	−22.8	−31.8	39.2	234.3	0.805	0.0	0.001	0.479	209	0.0	1.0	0.992	53.2	−30.5	−42.5	52.3	234.3
43	43_{de}	0.0	0.5	0.875	0.875	0.875	0.437	235	0.0	0.707	0.875	49.3	−23.5	−40.4	46.8	239.7	0.908	0.183	0.0	0.292	220	0.0	0.808	1.0	53.0	−26.9	−46.2	53.5	239.7
44	44_{de}	0.0	0.5	1.0	1.0	1.0	0.5	240	0.0	0.686	1.0	51.7	−23.3	−48.6	53.9	244.3	1.0	0.313	0.0	0.0	227	0.0	0.686	1.0	51.7	−23.3	−48.6	53.9	244.3
45	45_{de}	0.0	0.625	0.0	0.625	0.625	0.312	150	0.0	0.625	0.091	42.5	−41.2	13.2	43.2	162.2	0.728	0.0	0.727	0.499	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
46	46_{de}	0.0	0.625	0.125	0.625	0.625	0.312	161	0.0	0.625	0.181	42.7	−38.3	5.2	38.7	172.2	0.742	0.0	0.593	0.499	166	0.0	1.0	0.29	54.1	−61.3	8.3	61.9	172.2
47	47_{de}	0.0	0.625	0.25	0.625	0.625	0.312	173	0.0	0.625	0.26	43.2	−34.5	−1.9	34.5	183.2	0.733	0.0	0.473	0.487	174	0.0	1.0	0.416	54.8	−55.2	−3.1	55.3	183.2
48	48_{de}	0.0	0.625	0.375	0.625	0.625	0.312	187	0.0	0.625	0.345	43.4	−30.4	−8.7	31.6	195.9	0.726	0.0	0.374	0.494	183	0.0	1.0	0.552	55.1	−48.7	−13.9	50.6	195.9
49	49_{de}	0.0	0.625	0.5	0.625	0.625	0.312	199	0.0	0.625	0.41	43.5	−26.9	−13.6	30.2	206.9	0.714	0.0	0.297	0.504	190	0.0	1.0	0.656	55.3	−43.1	−21.9	48.3	206.9
50	50_{de}	0.0	0.625	0.625	0.625	0.625	0.312	210	0.0	0.625	0.494	43.3	−24.1	−18.2	30.2	216.9	0.709	0.0	0.219	0.524	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9
51	51_{de}	0.0	0.625	0.75	0.75	0.75	0.375	219	0.0	0.75	0.679	46.5	−26.5	−26.7	37.6	225.1	0.795	0.0	0.117	0.459	205	0.0	1.0	0.905	54.1	−35.3	−35.6	50.2	225.1
52	52_{de}	0.0	0.625	0.875	0.875	0.875	0.437	226	0.0	0.875	0.845	49.7	−28.1	−35.4	45.2	231.5	0.87	0.0	0.0	0.399	208	0.0	1.0	0.966	53.4	−32.1	−40.5	51.6	231.5
53	53_{de}	0.0	0.625	1.0	1.0	1.0	0.5	232	0.0	0.915	1.0	53.1	−28.6	−44.2	52.6	237.0	0.999	0.081	0.0	0.0	214	0.0	0.915	1.0	53.1	−28.6	−44.2	52.6	237.0
54	54_{de}	0.0	0.75	0.0	0.75	0.75	0.375	150	0.0	0.75	0.11	46.3	−49.4	15.8	51.9	162.2	0.794	0.0	0.731	0.412	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
55	55_{de}	0.0	0.75	0.125	0.75	0.75	0.375	159	0.0	0.75	0.203	46.4	−46.7	7.8	47.3	170.4	0.794	0.0	0.609	0.415	165	0.0	1.0	0.271	53.9	−62.2	10.4	63.1	170.4
56	56_{de}	0.0	0.75	0.25	0.75	0.75	0.375	169	0.0	0.75	0.277	47.0	−42.8	0.3	42.8	179.5	0.787	0.0	0.503	0.408	171	0.0	1.0	0.37	54.7	−57.0	0.4	57.0	179.5
57	57_{de}	0.0	0.75	0.375	0.75	0.75	0.375	180	0.0	0.75	0.373	47.2	−38.7	−6.5	39.2	189.6	0.785	0.0	0.423	0.414	179	0.0	1.0	0.497	55.0	−51.6	−8.7	52.3	189.6
58	58_{de}	0.0	0.75	0.5	0.75	0.75	0.375	191	0.0	0.75	0.437	47.4	−35.1	−12.5	37.3	199.6	0.784	0.0	0.352	0.422	185	0.0	1.0	0.583	55.2	−46.8	−16.7	49.7	199.6
59	59_{de}	0.0	0.75	0.625	0.75	0.75	0.375	201	0.0	0.75	0.509	47.4	−31.7	−17.4	36.2	208.7	0.779	0.0	0.282	0.428	191	0.0	1.0	0.678	55.3	−42.3	−23.2	48.2	208.7
60	60_{de}	0.0	0.75	0.75	0.75	0.75	0.375	210	0.0	0.75	0.593	47.1	−29.0	−21.8	36.3	216.9	0.782	0.0	0.203	0.44	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9
61	61_{de}	0.0	0.75	0.875	0.875	0.875	0.437	218	0.0	0.875	0.784	50.4	−31.3	−30.5	43.7	224.2	0.853	0.0	0.12	0.376	204	0.0	1.0	0.896	54.2	−35.7	−34.9	49.9	224.2
62	62_{de}	0.0	0.75	1.0	1.0	1.0	0.5	224	0.0	1.0	0.948	53.6	−33.1	−39.1	51.2	229.7	0.951	0.0	0.0	0.25	207	0.0	1.0	0.948	53.6	−33.1	−39.1	51.2	229.7
63	63_{de}	0.0	0.875	0.0	0.875	0.875	0.437	150	0.0	0.875	0.128	50.0	−57.7	18.5	60.6	162.2	0.877	0.0	0.782	0.25	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
64	64_{de}	0.0	0.875	0.125	0.875	0.875	0.437	158	0.0	0.875	0.228	50.1	−54.8	10.1	55.7	169.5	0.875	0.0	0.635	0.25	164	0.0	1.0	0.261	53.8	−62.7	11.5	63.7	169.5
65	65_{de}	0.0	0.875	0.25	0.875	0.875	0.437	166	0.0	0.875	0.298	50.6	−51.4	2.8	51.5	176.8	0.873	0.0	0.59	0.25	169	0.0	1.0	0.34	54.5	−58.8	3.2	58.9	176.8
66	66_{de}	0.0	0.875	0.375	0.875	0.875	0.437	175	0.0	0.875	0.384	51.0	−47.4	−4.1	47.6	185.0	0.849	0.0	0.476	0.317	176	0.0	1.0	0.439	54.9	−54.2	−4.7	54.4	185.0
67	67_{de}	0.0	0.875	0.5	0.875	0.875	0.437	185	0.0	0.875	0.47	51.2	−43.3	−10.9	44.7	194.1	0.845	0.0	0.401	0.328	182	0.0	1.0	0.537	55.1	−49.5	−12.5	51.1	194.1
68	68_{de}	0.0	0.875	0.625	0.875	0.875	0.437	194	0.0	0.875	0.531	51.3	−39.6	−16.3	42.9	202.3	0.875	0.0	0.315	0.25	187	0.0	1.0	0.607	55.3	−45.3	−18.6	49.0	202.3
69	69_{de}	0.0	0.875	0.75	0.875	0.875	0.437	202	0.0	0.875	0.603	51.3	−36.6	−20.8	42.1	209.6	0.839	0.0	0.26	0.35	192	0.0	1.0	0.69	55.2	−41.8	−23.8	48.2	209.6
70	70_{de}	0.0	0.875	0.875	0.875	0.875	0.437	210	0.0	0.875	0.692	51.0	−33.8	−25.5	42.3	216.9	0.874	0.0	0.25	0.0	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9
71	71_{de}	0.0	0.875	1.0	1.0	1.0	0.5	217	0.0	1.0	0.888	54.3	−36.1	−34.1	49.7	223.3	0.999	0.0	0.122	0.003	204	0.0	1.0	0.888	54.3	−36.1	−34.1	49.7	223.3
72	72_{de}	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2	0.943	0.0	0.798	0.125	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
73	73_{de}	0.0	1.0	0.125	1.0	1.0	0.5	157	0.0	1.0	0.251	53.7	−63.1	12.7	64.3	168.6	1.0	0.0	0.748	0.0	163	0.0	1.0	0.251	53.7	−63.1	12.7	64.3	168.6
74	74_{de}	0.0	1.0	0.25	1.0	1.0	0.5	164	0.0	1.0	0.32	54.3	−59.8	5.2	60.1	175.0	1.0	0.0	0.683	0.0	168	0.0	1.0	0.32	54.3	−59.8	5.2	60.1	175.0
75	75_{de}	0.0	1.0	0.375	1.0	1.0	0.5	172	0.0	1.0	0.404	54.8	−55.6	−2.2	55.7	182.3	1.0	0.0	0.593	0.0	173	0.0	1.0	0.404	54.8	−55.6	−2.2	55.7	182.3
76	76_{de}	0.0	1.0	0.5	1.0	1.0	0.5	180	0.0	1.0	0.497	55.0	−51.6	−8.7	52.3	189.6	1.0	0.0	0.498	0.0	179	0.0	1.0	0.497	55.0	−51.6	−8.7	52.3	189.6
77	77_{de}	0.0	1.0	0.625	1.0	1.0	0.5	188	0.0	1.0	0.56	55.1	−48.2	−14.6	50.4	196.9	0.959	0.0	0.417	0.125	183	0.0	1.0	0.56	55.1	−48.2	−14.6	50.4	196.9
78	78_{de}	0.0	1.0	0.75	1.0	1.0	0.5	196	0.0	1.0	0.622	55.3	−44.3	−19.9	48.5	204.2	1.0	0.0	0.377	0.0	188	0.0	1.0	0.622	55.3	−44.3	−19.9	48.5	204.2
79	79_{de}	0.0	1.0	0.875	1.0	1.0	0.5	203	0.0	1.0	0.701	55.2	−41.4	−24.5	48.1	210.5	1.0	0.0	0.286	0.0	193	0.0	1.0	0.701	55.2	−41.4	−24.5	48.1	210.5
80	80_{de}	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9	1.0	0.0	0.2	0.0	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9

delta

4−113830−F0 PI490−7N, 9/22−F

Grafico TUB-PI49; grafico per il test colori e la differenza, $\Delta E'^*$, 3D=1, de=1, *cmyk**

Input: *rgb/cmyk* −> *rgb*$_{de}$
Output: 3D-linearizzazione a *cmyk*$^*_{de}$

vedi file simili: http://farbe.li.tu-berlin.de/PI49/PI49.HTM
informazioni tecniche: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

iscrizione TUB: 20160501-PI49/PI49L0FA.TXT /.PS
Applicatione per la misura dell'output output della stampante laser, separazione cmyn6* (CMYK)
TUB materiale: code=rha4ta

n	HIC*$_{Fde}$	rgb_{Fde}			ict_{Fde}			h_{si_Fde}	rgb^*_{Fde}			$LabCh^*_{Fde}$					$cmyn^*_{sep,Fde}$				$h_{siM,de}$	rgb^*_{Mde}			$LabCh^*_{Mde}$				
81	81$_{de}$	0.125	0.0	0.0	0.125	0.125	0.062	390	0.125	0.0	0.032	26.8	7.0	3.3	7.7	25.4	0.0	0.468	0.339	0.872	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
82	82$_{de}$	0.125	0.0	0.125	0.125	0.125	0.062	330	0.073	0.0	0.125	25.6	5.8	−3.5	6.8	328.6	0.018	0.379	0.0	0.924	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
83	83$_{de}$	0.125	0.0	0.25	0.25	0.25	0.125	300	0.034	0.0	0.25	25.7	6.1	−10.4	12.1	300.1	0.306	0.481	0.0	0.874	277	0.138	0.0	1.0	31.5	24.4	−41.9	48.5	300.1
84	84$_{de}$	0.125	0.0	0.375	0.375	0.375	0.187	289	0.0	0.005	0.375	27.2	6.0	−16.8	17.8	289.7	0.379	0.519	0.0	0.755	269	0.0	0.014	1.0	32.8	16.1	−44.8	47.6	289.7
85	85$_{de}$	0.125	0.0	0.5	0.5	0.5	0.25	284	0.0	0.038	0.5	28.9	6.1	−22.9	23.7	285.0	0.524	0.601	0.0	0.662	266	0.0	0.077	1.0	34.1	12.2	−45.8	47.4	285.0
86	86$_{de}$	0.125	0.0	0.625	0.625	0.625	0.312	281	0.0	0.072	0.625	30.7	6.2	−28.9	29.5	282.1	0.678	0.672	0.0	0.573	263	0.0	0.115	1.0	34.8	9.9	−46.2	47.3	282.1
87	87$_{de}$	0.125	0.0	0.75	0.75	0.75	0.375	279	0.0	0.106	0.75	32.4	6.3	−35.0	35.6	280.2	0.785	0.703	0.0	0.499	262	0.0	0.141	1.0	35.3	8.4	−46.7	47.5	280.2
88	88$_{de}$	0.125	0.0	0.875	0.875	0.875	0.437	278	0.0	0.135	0.875	34.0	6.7	−41.1	41.6	279.3	0.871	0.725	0.0	0.411	261	0.0	0.155	1.0	35.5	7.7	−47.0	47.6	279.3
89	89$_{de}$	0.125	0.0	1.0	1.0	1.0	0.5	277	0.0	0.168	1.0	35.7	6.9	−47.2	47.7	278.3	0.988	0.816	0.0	0.0	260	0.0	0.168	1.0	35.7	6.9	−47.2	47.7	278.3
90	90$_{de}$	0.125	0.125	0.0	0.125	0.125	0.062	90	0.125	0.096	0.0	31.3	−0.3	9.6	9.6	92.3	0.0	0.143	0.445	0.828	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
91	91$_{de}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	32.8	0.0	0.0	0.0	0.0	0.0	0.054	0.11	0.815	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
92	92$_{de}$	0.125	0.125	0.25	0.25	0.125	0.187	270	0.124	0.157	0.25	34.5	0.1	−6.0	6.0	271.7	0.11	0.11	0.0	0.778	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
93	93$_{de}$	0.125	0.125	0.375	0.375	0.25	0.25	270	0.124	0.19	0.375	36.2	0.3	−12.1	12.1	271.7	0.267	0.229	0.0	0.704	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
94	94$_{de}$	0.125	0.125	0.5	0.5	0.375	0.312	270	0.124	0.222	0.5	37.8	0.5	−18.2	18.2	271.7	0.321	0.273	0.0	0.628	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
95	95$_{de}$	0.125	0.125	0.625	0.625	0.5	0.375	270	0.125	0.255	0.625	39.5	0.7	−24.3	24.3	271.7	0.491	0.394	0.0	0.531	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
96	96$_{de}$	0.125	0.125	0.75	0.75	0.625	0.437	270	0.125	0.288	0.75	41.2	0.9	−30.4	30.4	271.7	0.66	0.509	0.0	0.401	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
97	97$_{de}$	0.125	0.125	0.875	0.875	0.75	0.5	270	0.125	0.32	0.875	42.9	1.1	−36.5	36.5	271.7	0.762	0.579	0.0	0.261	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
98	98$_{de}$	0.125	0.125	1.0	1.0	0.875	0.562	270	0.125	0.353	1.0	44.6	1.2	−42.6	42.6	271.7	0.755	0.564	0.0	0.139	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
99	99$_{de}$	0.125	0.25	0.0	0.25	0.25	0.125	120	0.125	0.25	0.0	35.6	−10.4	13.7	17.2	127.2	0.271	0.0	0.599	0.779	119	0.5	1.0	0.0	71.0	−41.7	54.8	68.9	127.2
100	100$_{de}$	0.125	0.25	0.125	0.25	0.125	0.187	150	0.124	0.25	0.143	36.5	−8.2	2.6	8.6	162.2	0.262	0.0	0.333	0.765	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
101	101$_{de}$	0.125	0.25	0.25	0.25	0.125	0.187	210	0.124	0.25	0.223	36.7	−4.8	−3.6	6.0	216.9	0.183	0.0	0.103	0.763	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9
102	102$_{de}$	0.125	0.25	0.375	0.375	0.25	0.25	240	0.124	0.296	0.375	39.8	−5.8	−12.1	13.4	244.3	0.286	0.043	0.0	0.684	227	0.0	0.686	1.0	51.7	−23.3	−48.6	53.9	244.3
103	103$_{de}$	0.125	0.25	0.5	0.5	0.375	0.312	251	0.124	0.315	0.5	41.3	−5.1	−18.5	19.2	254.3	0.343	0.145	0.0	0.619	239	0.0	0.508	1.0	46.4	−13.8	−49.4	51.3	254.3
104	104$_{de}$	0.125	0.25	0.625	0.625	0.5	0.375	256	0.125	0.342	0.625	42.7	−4.8	−24.7	25.1	258.9	0.527	0.286	0.0	0.515	244	0.0	0.434	1.0	43.6	−9.6	−49.4	50.3	258.9
105	105$_{de}$	0.125	0.25	0.75	0.75	0.625	0.437	259	0.125	0.369	0.75	44.1	−4.5	−30.8	31.1	261.6	0.684	0.414	0.0	0.366	247	0.0	0.39	1.0	42.0	−7.2	−49.3	49.8	261.6
106	106$_{de}$	0.125	0.25	0.875	0.875	0.75	0.5	261	0.125	0.398	0.875	45.7	−4.1	−36.9	37.1	263.5	0.756	0.479	0.0	0.226	248	0.0	0.364	1.0	41.0	−5.5	−49.2	49.5	263.5
107	107$_{de}$	0.125	0.25	1.0	1.0	0.875	0.562	262	0.125	0.433	1.0	47.5	−4.1	−43.1	43.3	264.4	0.747	0.46	0.0	0.038	249	0.0	0.352	1.0	40.6	−4.7	−49.2	49.4	264.4
108	108$_{de}$	0.125	0.375	0.0	0.375	0.375	0.187	131	0.115	0.375	0.0	38.6	−19.8	16.5	25.8	140.0	0.418	0.0	0.697	0.681	132	0.308	1.0	0.0	63.4	−52.8	44.2	68.9	140.0
109	109$_{de}$	0.125	0.375	0.125	0.375	0.25	0.25	150	0.124	0.375	0.161	40.3	−16.4	5.2	17.3	162.2	0.425	0.0	0.487	0.656	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
110	110$_{de}$	0.125	0.375	0.25	0.375	0.25	0.25	180	0.124	0.375	0.249	40.6	−12.9	−2.1	13.0	189.6	0.387	0.0	0.308	0.653	179	0.0	1.0	0.497	55.0	−51.6	−8.7	52.3	189.6
111	111$_{de}$	0.125	0.375	0.375	0.375	0.25	0.25	210	0.124	0.375	0.322	40.6	−9.6	−7.2	12.1	216.9	0.332	0.0	0.152	0.669	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9
112	112$_{de}$	0.125	0.375	0.5	0.5	0.375	0.312	229	0.124	0.5	0.497	43.8	−11.4	−15.9	19.6	234.3	0.37	0.0	0.043	0.624	209	0.0	1.0	0.992	53.2	−30.5	−42.5	52.3	234.3
113	113$_{de}$	0.125	0.375	0.625	0.625	0.5	0.375	240	0.125	0.468	0.625	46.7	−11.6	−24.3	26.9	244.3	0.545	0.111	0.0	0.5	227	0.0	0.686	1.0	51.7	−23.3	−48.6	53.9	244.3
114	114$_{de}$	0.125	0.375	0.75	0.75	0.625	0.437	247	0.125	0.479	0.75	48.2	−10.8	−31.0	32.8	250.7	0.683	0.254	0.0	0.349	235	0.0	0.567	1.0	48.5	−17.3	−49.6	52.5	250.7
115	115$_{de}$	0.125	0.375	0.875	0.875	0.75	0.5	251	0.125	0.506	0.875	49.7	−10.3	−37.0	38.5	254.3	0.742	0.361	0.0	0.194	239	0.0	0.508	1.0	46.4	−13.8	−49.4	51.3	254.3
116	116$_{de}$	0.125	0.375	1.0	1.0	0.875	0.562	254	0.125	0.531	1.0	51.1	−9.8	−43.2	44.4	257.1	0.746	0.391	0.0	0.016	242	0.0	0.464	1.0	44.7	−11.2	−49.4	50.7	257.1
117	117$_{de}$	0.125	0.5	0.0	0.5	0.5	0.25	136	0.113	0.5	0.0	41.9	−29.1	19.6	35.1	145.9	0.521	0.0	0.761	0.56	137	0.227	1.0	0.0	59.9	−58.2	39.3	70.2	145.9
118	118$_{de}$	0.125	0.5	0.125	0.5	0.375	0.312	150	0.124	0.5	0.18	44.0	−24.7	7.9	25.9	162.2	0.539	0.0	0.582	0.533	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
119	119$_{de}$	0.125	0.5	0.25	0.5	0.375	0.312	169	0.124	0.5	0.263	44.4	−21.4	0.1	21.4	179.5	0.502	0.0	0.417	0.534	171	0.0	1.0	0.37	54.7	−57.0	0.4	57.0	179.5
120	120$_{de}$	0.125	0.5	0.375	0.5	0.375	0.312	191	0.124	0.5	0.343	44.6	−17.5	−6.2	18.6	199.6	0.467	0.0	0.29	0.558	185	0.0	1.0	0.583	55.2	−46.8	−16.7	49.7	199.6
121	121$_{de}$	0.125	0.5	0.5	0.5	0.375	0.312	210	0.124	0.5	0.421	44.5	−14.5	−10.9	18.1	216.9	0.426	0.0	0.182	0.585	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9
122	122$_{de}$	0.125	0.5	0.625	0.625	0.5	0.375	224	0.125	0.625	0.599	47.7	−16.5	−19.5	25.6	229.7	0.543	0.0	0.085	0.504	207	0.0	1.0	0.948	53.6	−33.1	−39.1	51.2	229.7
123	123$_{de}$	0.125	0.5	0.75	0.75	0.625	0.437	233	0.125	0.672	0.75	51.1	−17.4	−27.9	32.9	237.9	0.654	0.036	0.0	0.397	216	0.0	0.875	1.0	53.1	−27.9	−44.7	52.7	237.9
124	124$_{de}$	0.125	0.5	0.875	0.875	0.75	0.5	240	0.125	0.639	0.875	53.7	−17.5	−36.4	40.4	244.3	0.769	0.194	0.0	0.187	227	0.0	0.686	1.0	51.7	−23.3	−48.6	53.9	244.3
125	125$_{de}$	0.125	0.5	1.0	1.0	0.875	0.562	245	0.125	0.647	1.0	55.3	−16.7	−43.4	46.5	248.9	0.782	0.292	0.0	0.001	233	0.0	0.597	1.0	49.6	−19.1	−49.6	53.1	248.9
126	126$_{de}$	0.125	0.625	0.0	0.625	0.625	0.312	139	0.098	0.625	0.0	45.1	−38.1	22.5	44.2	149.4	0.613	0.0	0.812	0.452	141	0.157	1.0	0.0	57.9	−60.9	36.0	70.8	149.4
127	127$_{de}$	0.125	0.625	0.125	0.625	0.5	0.375	150	0.125	0.625	0.198	47.8	−32.9	10.5	34.6	162.2	0.641	0.0	0.633	0.417	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
128	128$_{de}$	0.125	0.625	0.25	0.625	0.5	0.375	164	0.125	0.625	0.285	48.0	−29.9	2.6	30.0	175.0	0.628	0.0	0.498	0.423	168	0.0	1.0	0.32	54.3	−59.8	5.2	60.1	175.0
129	129$_{de}$	0.125	0.625	0.375	0.625	0.5	0.375	180	0.125	0.625	0.373	48.4	−25.8	−4.3	26.1	189.6	0.607	0.0	0.391	0.438	179	0.0	1.0	0.497	55.0	−51.6	−8.7	52.3	189.6
130	130$_{de}$	0.125	0.625	0.5	0.625	0.5	0.375	196	0.125	0.625	0.436	48.5	−22.1	−9.9	24.2	204.2	0.583	0.0	0.298	0.454	188	0.0	1.0	0.622	55.3	−44.3	−19.9	48.5	204.2
131	131$_{de}$	0.125	0.625	0.625	0.625	0.5	0.375	210	0.125	0.625	0.52	48.4	−19.3	−14.5	24.2	216.9	0.562	0.0	0.201	0.474	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9
132	132$_{de}$	0.125	0.625	0.75	0.75	0.625	0.437	221	0.125	0.75	0.701	51.6	−21.5	−23.1	31.6	227.0	0.675	0.0	0.116	0.385	206	0.0	1.0	0.922	53.9	−34.5	−37.0	50.6	227.0
133	133$_{de}$	0.125	0.625	0.875	0.875	0.75	0.5	229	0.125	0.875	0.869	54.8	−22.8	−31.8	39.2	234.3	0.751	0.007	0.0	0.294	209	0.0	1.0	0.992	53.2	−30.5	−42.5	52.3	234.3
134	134$_{de}$	0.125	0.625	1.0	1.0	0.875	0.562	235	0.125	0.832	1.0	58.3	−23.5	−40.4	46.8	239.7	0.813	0.125	0.0	0.041	220	0.0	0.808	1.0	53.0	−26.9	−46.2	53.5	239.7
135	135$_{de}$	0.125	0.75	0.0	0.75	0.75	0.375	141	0.079	0.75	0.0	48.4	−47.3	25.4	53.7	151.7	0.696	0.0	0.859	0.364	144	0.105	1.0	0.0	56.6	−63.0	33.9	71.6	151.7
136	136$_{de}$	0.125	0.75	0.125	0.75	0.625	0.437	150	0.125	0.75	0.216	51.5	−41.2	13.2	43.2	162.2	0.745	0.0	0.692	0.301	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
137	137$_{de}$	0.125	0.75	0.25	0.75	0.625	0.437	161	0.125	0.75	0.306	51.7	−38.3	5.2	38.7	172.2	0.738	0.0	0.569	0.312	166	0.0	1.0	0.29	54.1	−61.3	8.3	61.9	172.2
138	138$_{de}$	0.125	0.75	0.375	0.75	0.625	0.437	173	0.125	0.75	0.385	52.2	−34.5	−1.9	34.5	183.2	0.717	0.0	0.467	0.327	174	0.0	1.0	0.416	54.8	−55.2	−3.1	55.3	183.2
139	139$_{de}$	0.125	0.75	0.5	0.75	0.625	0.437	187	0.125	0.75	0.47	52.4	−30.4	−8.7	31.6	195.9	0.702	0.0	0.368	0.343	183	0.0	1.0	0.552	55.1	−48.7	−13.9	50.6	195.9
140	140$_{de}$	0.125	0.75	0.625	0.75	0.625	0.437	199	0.125	0.75	0.535	52.5	−26.9	−13.6	30.2	206.9	0.686	0.0	0.287	0.356	190	0.0	1.0	0.656	55.3	−43.1	−21.9	48.3	206.9
141	141$_{de}$	0.125	0.75	0.75	0.75	0.625	0.437	210	0.125	0.75	0.619	52.3	−24.1	−18.2	30.2	216.9	0.68	0.0	0.214	0.367	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9
142	142$_{de}$	0.125	0.75	0.875	0.875	0.75	0.5	219	0.125	0.875	0.804	55.5	−26.5	−26.7	37.6	225.1	0.762	0.0	0.121	0.283	205	0.0	1.0	0.905	54.1	−35.3	−35.6	50.2	225.1
143	143$_{de}$	0.125	0.75	1.0	1.0	0.875	0.562	226	0.125	1.0	0.97	58.7	−28.1	−35.4	45.2	231.5	0.807	0.0	0.021	0.134	208	0.0	1.0	0.966	53.4	−32.1	−40.5	51.6	231.5
144	144$_{de}$	0.125	0.875	0.0	0.875	0.875	0.437	142	0.064	0.875	0.0	51.9	−56.4	28.8	63.4	152.9	0.784	0.0	0.917	0.27	146	0.073	1.0	0.0	55.9	−64.5	33.0	72.4	152.9
145	145$_{de}$	0.125	0.875	0.125	0.875	0.75	0.5	150	0.125	0.875	0.235	55.3	−49.4	15.8	51.9	162.2	0.807	0.0	0.709	0.199	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
146	146$_{de}$	0.125	0.875	0.25	0.875	0.75	0.5	159	0.125	0.875	0.328	55.4	−46.7	7.8	47.3	170.4	0.804	0.0	0.608	0.208	165	0.0	1.0	0.271	53.9	−62.2	10.4	63.1	170.4
147	147$_{de}$	0.125	0.875	0.375	0.875	0.75	0.5	169	0.125	0.875	0.402	56.0	−42.8	0.3	42.8	179.5	0.783	0.0	0.508	0.224	171	0.0	1.0	0.37	54.7	−57.0	0.4	57.0	179.5
148	148$_{de}$	0.125	0.875	0.5	0.875	0.75	0.5	180	0.125	0.875	0.498	56.2	−38.7	−6.5	39.2	189.6	0.778	0.0	0.426	0.238	179	0.0	1.0	0.497	55.0	−51.6	−8.7	52.3	189.6
149	149$_{de}$	0.125	0.875	0.625	0.875	0.75	0.5	191	0.125	0.875	0.562	56.4	−35.1	−12.5	37.3	199.6	0.777	0.0	0.358	0.25	185	0.0	1.0	0.583	55.2	−46.8	−16.7	49.7	199.6
150	150$_{de}$	0.125	0.875	0.75	0.875	0.75	0.5	201	0.125	0.875	0.634	56.4	−31.7	−17.4	36.2	208.7	0.769	0.0	0.29	0.261	191	0.0	1.0	0.678	55.3	−42.3	−23.2	48.2	208.7
151	151$_{de}$	0.125	0.875	0.875	0.875	0.75	0.5	210	0.125	0.875	0.718	56.1	−29.0	−21.8	36.3	216.9	0.762	0.0	0.208	0.27	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9
152	152$_{de}$	0.125	0.875	1.0	1.0	0.875	0.562	218	0.125	1.0	0.909	59.4	−31.3	−30.5	43.7	224.2	0.82	0.0	0.133	0.013	204	0.0	1.0	0.896	54.2	−35.7	−34.9	49.9	224.2
153	153$_{de}$	0.125	1.0	0.0	1.0	1.0	0.5	143	0.04	1.0	0.0	55.2	−65.9	32.0	73.3	154.0	0.959	0.0	0.999	0.0	147	0.04	1.0	0.0	55.2	−65.9	32.0	73.3	154.0
154	154$_{de}$	0.125	1.0	0.125	1.0	0.875	0.562	150	0.125	1.0	0.253	59.0	−57.7	18.5	60.6	162.2	0.841	0.0	0.701	0.125	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
155	155$_{de}$	0.125	1.0	0.25	1.0	0.875	0.562	158	0.125	1.0	0.353	59.1	−54.8	10.1	55.7	169.5	0.834	0.0	0.617	0.125	164	0.0	1.0	0.261	53.8	−62.7	11.5	63.7	169.5
156	156$_{de}$	0.125	1.0	0.375	1.0	0.875	0.562	166	0.125	1.0	0.423	59.6	−51.4	2.8	51.5	176.8	0.828	0.0	0.559	0.125	169	0.0	1.0	0.34	54.5	−58.8	3.2	58.9	176.8
157	157$_{de}$	0.125	1.0	0.5	1.0	0.875	0.562	175	0.125	1.0	0.509	60.0	−47.4	−4.1	47.6	185.0	0.823	0.0	0.45	0.125	176	0.0	1.0	0.439	54.9	−54.2	−4.7	54.4	185.0
158	158$_{de}$	0.125	1.0	0.625	1.0	0.875	0.562	185	0.125	1.0	0.595	60.2	−43.3	−10.9	44.7	194.1	0.82	0.0	0.369	0.125	182	0.0	1.0	0.537	55.1	−49.5	−12.5	51.1	194.1
159	159$_{de}$	0.125	1.0	0.75	1.0	0.875	0.562	194	0.125	1.0	0.656	60.3	−39.6	−16.3	42.9	202.3	0.816	0.0	0.306	0.125	187	0.0	1.0	0.607	55.3	−45.3	−18.6	49.0	202.3
160	160$_{de}$	0.125	1.0	0.875	1.0	0.875	0.562	202	0.125	1.0	0.728	60.3	−36.6	−20.8	42.1	209.6	0.81	0.0	0.243	0.125	192	0.0	1.0	0.69	55.2	−41.8	−23.8	48.2	209.6
161	161$_{de}$	0.125	1.0	1.0	1.0	0.875	0.562	210	0.125	1.0	0.817	60.0	−33.8	−25.5	42.3	216.9	0.805	0.0	0.174	0.125	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9

delta

4−113930−F0

PI490−7N, 10/22−F

Grafico TUB-PI49; grafico per il test colori e la differenza, $\Delta E'^*$, 3D=1, de=1, *cmyk**

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

iscrizione TUB: 20160501-PI49/PI49L0FA.TXT /.PS
Applicatione per la misura dell'output output della stampante laser, separazione cmyn6* (CMYK)
TUB materiale: code=rha4ta
vedi file simili: http://farbe.li.tu-berlin.de/PI49/PI49.HTM
informazioni tecniche: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

n	HIC*$_{Fde}$	rgb_{Fde}			ict_{Fde}			h_{si_Fde}	rgb^*_{Fde}			$LabCh^*_{Fde}$					$cmyn^*_{sep,Fde}$				$h_{siM,de}$	rgb^*_{Mde}			$LabCh^*_{Mde}$				
162	162$_{de}$	0.25	0.0	0.0	0.25	0.25	0.125	390	0.25	0.0	0.065	29.7	14.0	6.6	15.5	25.4	0.0	0.596	0.435	0.728	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
163	163$_{de}$	0.25	0.0	0.125	0.25	0.25	0.125	360	0.25	0.0	0.206	30.2	16.3	−2.2	16.5	352.0	0.0	0.581	0.194	0.737	339	1.0	0.0	0.827	49.4	65.5	−9.1	66.2	352.0
164	164$_{de}$	0.25	0.0	0.25	0.25	0.25	0.125	330	0.146	0.0	0.25	27.5	11.6	−7.1	13.6	328.6	0.032	0.522	0.0	0.817	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
165	165$_{de}$	0.25	0.0	0.375	0.375	0.375	0.187	311	0.107	0.0	0.375	26.8	12.3	−14.3	18.9	310.5	0.256	0.615	0.0	0.765	286	0.285	0.0	1.0	31.9	32.8	−38.2	50.4	310.5
166	166$_{de}$	0.25	0.0	0.5	0.5	0.5	0.25	300	0.069	0.0	0.5	27.6	12.2	−20.9	24.2	300.1	0.451	0.704	0.0	0.675	277	0.138	0.0	1.0	31.5	24.4	−41.9	48.5	300.1
167	167$_{de}$	0.25	0.0	0.625	0.625	0.625	0.312	293	0.025	0.0	0.625	29.1	11.9	−27.4	29.9	293.5	0.615	0.759	0.0	0.586	272	0.04	0.0	1.0	32.2	19.1	−43.9	47.9	293.5
168	168$_{de}$	0.25	0.0	0.75	0.75	0.75	0.375	289	0.0	0.01	0.75	30.6	12.0	−33.6	35.7	289.7	0.746	0.789	0.0	0.517	269	0.0	0.014	1.0	32.8	16.1	−44.8	47.6	289.7
169	169$_{de}$	0.25	0.0	0.875	0.875	0.875	0.437	286	0.0	0.045	0.875	32.3	12.0	−39.8	41.6	286.9	0.843	0.798	0.0	0.415	267	0.0	0.052	1.0	33.6	13.8	−45.5	47.5	286.9
170	170$_{de}$	0.25	0.0	1.0	1.0	1.0	0.5	284	0.0	0.077	1.0	34.1	12.2	−45.8	47.4	285.0	0.978	0.865	0.0	0.125	266	0.0	0.077	1.0	34.1	12.2	−45.8	47.4	285.0
171	171$_{de}$	0.25	0.125	0.0	0.25	0.25	0.125	60	0.25	0.079	0.0	33.3	8.8	14.6	17.0	58.8	0.0	0.459	0.588	0.708	48	1.0	0.319	0.0	61.8	35.2	58.4	68.2	58.8
172	172$_{de}$	0.25	0.125	0.125	0.25	0.125	0.187	390	0.25	0.124	0.157	35.8	7.0	3.3	7.7	25.4	0.0	0.323	0.264	0.729	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
173	173$_{de}$	0.25	0.125	0.25	0.25	0.125	0.187	330	0.198	0.124	0.25	34.6	5.8	−3.5	6.8	328.6	0.0	0.238	0.046	0.765	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
174	174$_{de}$	0.25	0.125	0.375	0.375	0.25	0.25	300	0.159	0.124	0.375	34.7	6.1	−10.4	12.1	300.1	0.17	0.328	0.0	0.719	277	0.138	0.0	1.0	31.5	24.4	−41.9	48.5	300.1
175	175$_{de}$	0.25	0.125	0.5	0.5	0.375	0.312	289	0.124	0.13	0.5	36.2	6.0	−16.8	17.8	289.7	0.278	0.386	0.0	0.635	269	0.0	0.014	1.0	32.8	16.1	−44.8	47.6	289.7
176	176$_{de}$	0.25	0.125	0.625	0.625	0.5	0.375	284	0.125	0.163	0.625	37.9	6.1	−22.9	23.7	285.0	0.419	0.466	0.0	0.539	266	0.0	0.077	1.0	34.1	12.2	−45.8	47.4	285.0
177	177$_{de}$	0.25	0.125	0.75	0.75	0.625	0.437	281	0.125	0.197	0.75	39.7	6.2	−28.9	29.5	282.1	0.585	0.56	0.0	0.424	263	0.0	0.115	1.0	34.8	9.9	−46.2	47.3	282.1
178	178$_{de}$	0.25	0.125	0.875	0.875	0.75	0.5	279	0.125	0.231	0.875	41.4	6.3	−35.0	35.6	280.2	0.711	0.633	0.0	0.293	262	0.0	0.141	1.0	35.3	8.4	−46.7	47.5	280.2
179	179$_{de}$	0.25	0.125	1.0	1.0	0.875	0.562	278	0.125	0.26	1.0	43.0	6.7	−41.1	41.6	279.3	0.724	0.613	0.0	0.149	261	0.0	0.155	1.0	35.5	7.7	−47.0	47.6	279.3
180	180$_{de}$	0.25	0.25	0.0	0.25	0.25	0.125	90	0.25	0.192	0.0	38.8	−0.7	19.2	19.2	92.3	0.0	0.185	0.557	0.717	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
181	181$_{de}$	0.25	0.25	0.125	0.25	0.125	0.187	90	0.25	0.221	0.124	40.3	−0.3	9.6	9.6	92.3	0.0	0.122	0.33	0.721	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
182	182$_{de}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	41.8	0.0	0.0	0.0	0.0	0.0	0.032	0.082	0.716	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
183	183$_{de}$	0.25	0.25	0.375	0.375	0.125	0.312	270	0.249	0.282	0.375	43.5	0.1	−6.0	6.0	271.7	0.06	0.066	0.0	0.677	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
184	184$_{de}$	0.25	0.25	0.5	0.5	0.25	0.375	270	0.249	0.315	0.5	45.2	0.3	−12.1	12.1	271.7	0.188	0.161	0.0	0.611	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
185	185$_{de}$	0.25	0.25	0.625	0.625	0.375	0.437	270	0.25	0.347	0.625	46.8	0.5	−18.2	18.2	271.7	0.319	0.254	0.0	0.518	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
186	186$_{de}$	0.25	0.25	0.75	0.75	0.5	0.5	270	0.25	0.38	0.75	48.5	0.7	−24.3	24.3	271.7	0.442	0.341	0.0	0.398	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
187	187$_{de}$	0.25	0.25	0.875	0.875	0.625	0.562	270	0.25	0.413	0.875	50.2	0.9	−30.4	30.4	271.7	0.569	0.427	0.0	0.245	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
188	188$_{de}$	0.25	0.25	1.0	1.0	0.75	0.625	270	0.25	0.445	1.0	51.9	1.1	−36.5	36.5	271.7	0.617	0.453	0.0	0.135	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
189	189$_{de}$	0.25	0.375	0.0	0.375	0.375	0.187	109	0.236	0.375	0.0	45.0	−11.7	25.8	28.4	114.4	0.173	0.0	0.667	0.642	111	0.631	1.0	0.0	80.4	−31.3	68.9	75.7	114.4
190	190$_{de}$	0.25	0.375	0.125	0.375	0.25	0.25	120	0.25	0.375	0.124	44.6	−10.4	13.7	17.2	127.2	0.198	0.0	0.485	0.653	119	0.5	1.0	0.0	71.0	−41.7	54.8	68.9	127.2
191	191$_{de}$	0.25	0.375	0.25	0.375	0.125	0.312	150	0.249	0.375	0.268	45.5	−8.2	2.6	8.6	162.2	0.19	0.0	0.271	0.642	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
192	192$_{de}$	0.25	0.375	0.375	0.375	0.125	0.312	210	0.249	0.375	0.348	45.7	−4.8	−3.6	6.0	216.9	0.129	0.0	0.095	0.655	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9
193	193$_{de}$	0.25	0.375	0.5	0.5	0.25	0.375	240	0.249	0.421	0.5	48.8	−5.8	−12.1	13.4	244.3	0.24	0.038	0.0	0.586	227	0.0	0.686	1.0	51.7	−23.3	−48.6	53.9	244.3
194	194$_{de}$	0.25	0.375	0.625	0.625	0.375	0.437	251	0.25	0.44	0.625	50.3	−5.1	−18.5	19.2	254.3	0.344	0.136	0.0	0.504	239	0.0	0.508	1.0	46.4	−13.8	−49.4	51.3	254.3
195	195$_{de}$	0.25	0.375	0.75	0.75	0.5	0.5	256	0.25	0.467	0.75	51.7	−4.8	−24.7	25.1	258.9	0.465	0.241	0.0	0.383	244	0.0	0.434	1.0	43.6	−9.6	−49.4	50.3	258.9
196	196$_{de}$	0.25	0.375	0.875	0.875	0.625	0.562	259	0.25	0.494	0.875	53.1	−4.5	−30.8	31.1	261.6	0.586	0.35	0.0	0.224	247	0.0	0.39	1.0	42.0	−7.2	−49.3	49.8	261.6
197	197$_{de}$	0.25	0.375	1.0	1.0	0.75	0.625	261	0.25	0.523	1.0	54.7	−4.1	−36.9	37.1	263.5	0.636	0.382	0.0	0.062	248	0.0	0.364	1.0	41.0	−5.5	−49.2	49.5	263.5
198	198$_{de}$	0.25	0.5	0.0	0.5	0.5	0.25	120	0.25	0.5	0.0	47.4	−20.8	27.4	34.4	127.2	0.349	0.0	0.75	0.532	119	0.5	1.0	0.0	71.0	−41.7	54.8	68.9	127.2
199	199$_{de}$	0.25	0.5	0.125	0.5	0.375	0.312	131	0.24	0.5	0.124	47.6	−19.8	16.5	25.8	140.0	0.375	0.0	0.621	0.543	132	0.308	1.0	0.0	63.4	−52.8	44.2	68.9	140.0
200	200$_{de}$	0.25	0.5	0.25	0.5	0.25	0.375	150	0.249	0.5	0.286	49.3	−16.4	5.2	17.3	162.2	0.352	0.0	0.409	0.531	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
201	201$_{de}$	0.25	0.5	0.375	0.5	0.25	0.375	180	0.249	0.5	0.374	49.6	−12.9	−2.1	13.0	189.6	0.323	0.0	0.261	0.548	179	0.0	1.0	0.497	55.0	−51.6	−8.7	52.3	189.6
202	202$_{de}$	0.25	0.5	0.5	0.5	0.25	0.375	210	0.249	0.5	0.447	49.6	−9.6	−7.2	12.1	216.9	0.277	0.0	0.133	0.57	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9
203	203$_{de}$	0.25	0.5	0.625	0.625	0.375	0.437	229	0.25	0.625	0.622	52.8	−11.4	−15.9	19.6	234.3	0.362	0.0	0.032	0.507	209	0.0	1.0	0.992	53.2	−30.5	−42.5	52.3	234.3
204	204$_{de}$	0.25	0.5	0.75	0.75	0.5	0.5	240	0.25	0.593	0.75	55.7	−11.6	−24.3	26.9	244.3	0.482	0.094	0.0	0.371	227	0.0	0.686	1.0	51.7	−23.3	−48.6	53.9	244.3
205	205$_{de}$	0.25	0.5	0.875	0.875	0.625	0.562	247	0.25	0.604	0.875	57.2	−10.8	−31.0	32.8	250.7	0.6	0.233	0.0	0.206	235	0.0	0.567	1.0	48.5	−17.3	−49.6	52.5	250.7
206	206$_{de}$	0.25	0.5	1.0	1.0	0.75	0.625	251	0.25	0.631	1.0	58.7	−10.3	−37.0	38.5	254.3	0.645	0.305	0.0	0.028	239	0.0	0.508	1.0	46.4	−13.8	−49.4	51.3	254.3
207	207$_{de}$	0.25	0.625	0.0	0.625	0.625	0.312	127	0.228	0.625	0.0	50.3	−30.1	29.7	42.3	135.4	0.472	0.0	0.812	0.422	128	0.366	1.0	0.0	66.1	−48.2	47.5	67.7	135.4
208	208$_{de}$	0.25	0.625	0.125	0.625	0.5	0.375	136	0.238	0.625	0.125	50.9	−29.1	19.6	35.1	145.9	0.504	0.0	0.695	0.42	137	0.227	1.0	0.0	59.9	−58.2	39.3	70.2	145.9
209	209$_{de}$	0.25	0.625	0.25	0.625	0.375	0.437	150	0.25	0.625	0.305	53.0	−24.7	7.9	25.9	162.2	0.483	0.0	0.503	0.411	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
210	210$_{de}$	0.25	0.625	0.375	0.625	0.375	0.437	169	0.25	0.625	0.388	53.4	−21.4	0.1	21.4	179.5	0.471	0.0	0.382	0.425	171	0.0	1.0	0.37	54.7	−57.0	0.4	57.0	179.5
211	211$_{de}$	0.25	0.625	0.5	0.625	0.375	0.437	191	0.25	0.625	0.468	53.6	−17.5	−6.2	18.6	199.6	0.437	0.0	0.261	0.448	185	0.0	1.0	0.583	55.2	−46.8	−16.7	49.7	199.6
212	212$_{de}$	0.25	0.625	0.625	0.625	0.375	0.437	210	0.25	0.625	0.546	53.5	−14.5	−10.9	18.1	216.9	0.401	0.0	0.156	0.475	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9
213	213$_{de}$	0.25	0.625	0.75	0.75	0.5	0.5	224	0.25	0.75	0.724	56.7	−16.5	−19.5	25.6	229.7	0.496	0.0	0.071	0.383	207	0.0	1.0	0.948	53.6	−33.1	−39.1	51.2	229.7
214	214$_{de}$	0.25	0.625	0.875	0.875	0.625	0.562	233	0.25	0.797	0.875	60.1	−17.4	−27.9	32.9	237.9	0.594	0.033	0.0	0.267	216	0.0	0.875	1.0	53.1	−27.9	−44.7	52.7	237.9
215	215$_{de}$	0.25	0.625	1.0	1.0	0.75	0.625	240	0.25	0.764	1.0	62.7	−17.5	−36.4	40.4	244.3	0.682	0.187	0.0	0.038	227	0.0	0.686	1.0	51.7	−23.3	−48.6	53.9	244.3
216	216$_{de}$	0.25	0.75	0.0	0.75	0.75	0.375	131	0.231	0.75	0.0	53.5	−39.6	33.1	51.7	140.0	0.577	0.0	0.88	0.318	132	0.308	1.0	0.0	63.4	−52.8	44.2	68.9	140.0
217	217$_{de}$	0.25	0.75	0.125	0.75	0.625	0.437	139	0.223	0.75	0.125	54.1	−38.1	22.5	44.2	149.4	0.624	0.0	0.768	0.296	141	0.157	1.0	0.0	57.9	−60.9	36.0	70.8	149.4
218	218$_{de}$	0.25	0.75	0.25	0.75	0.5	0.5	150	0.25	0.75	0.323	56.8	−32.9	10.5	34.6	162.2	0.604	0.0	0.579	0.286	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
219	219$_{de}$	0.25	0.75	0.375	0.75	0.5	0.5	164	0.25	0.75	0.41	57.0	−29.9	2.6	30.0	175.0	0.603	0.0	0.459	0.299	168	0.0	1.0	0.32	54.3	−59.8	5.2	60.1	175.0
220	220$_{de}$	0.25	0.75	0.5	0.75	0.5	0.5	180	0.25	0.75	0.498	57.4	−25.8	−4.3	26.1	189.6	0.575	0.0	0.352	0.32	179	0.0	1.0	0.497	55.0	−51.6	−8.7	52.3	189.6
221	221$_{de}$	0.25	0.75	0.625	0.75	0.5	0.5	196	0.25	0.75	0.561	57.5	−22.1	−9.9	24.2	204.2	0.545	0.0	0.259	0.341	188	0.0	1.0	0.622	55.3	−44.3	−19.9	48.5	204.2
222	222$_{de}$	0.25	0.75	0.75	0.75	0.5	0.5	210	0.25	0.75	0.645	57.4	−19.3	−14.5	24.2	216.9	0.522	0.0	0.176	0.36	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9
223	223$_{de}$	0.25	0.75	0.875	0.875	0.625	0.562	221	0.25	0.875	0.826	60.6	−21.5	−23.1	31.6	227.0	0.631	0.0	0.109	0.252	206	0.0	1.0	0.922	53.9	−34.5	−37.0	50.6	227.0
224	224$_{de}$	0.25	0.75	1.0	1.0	0.75	0.625	229	0.25	1.0	0.994	63.8	−22.8	−31.8	39.2	234.3	0.678	0.0	0.008	0.141	209	0.0	1.0	0.992	53.2	−30.5	−42.5	52.3	234.3
225	225$_{de}$	0.25	0.875	0.0	0.875	0.875	0.437	134	0.231	0.875	0.0	56.6	−49.1	36.2	61.0	143.5	0.674	0.0	0.932	0.237	135	0.264	1.0	0.0	61.3	−56.1	41.4	69.8	143.5
226	226$_{de}$	0.25	0.875	0.125	0.875	0.75	0.5	141	0.204	0.875	0.125	57.4	−47.3	25.4	53.7	151.7	0.713	0.0	0.804	0.2	144	0.105	1.0	0.0	56.6	−63.0	33.9	71.6	151.7
227	227$_{de}$	0.25	0.875	0.25	0.875	0.625	0.562	150	0.25	0.875	0.341	60.5	−41.2	13.2	43.2	162.2	0.678	0.0	0.616	0.189	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
228	228$_{de}$	0.25	0.875	0.375	0.875	0.625	0.562	161	0.25	0.875	0.431	60.7	−38.3	5.2	38.7	172.2	0.684	0.0	0.511	0.195	166	0.0	1.0	0.29	54.1	−61.3	8.3	61.9	172.2
229	229$_{de}$	0.25	0.875	0.5	0.875	0.625	0.562	173	0.25	0.875	0.51	61.2	−34.5	−1.9	34.5	183.2	0.675	0.0	0.419	0.201	174	0.0	1.0	0.416	54.8	−55.2	−3.1	55.3	183.2
230	230$_{de}$	0.25	0.875	0.625	0.875	0.625	0.562	187	0.25	0.875	0.595	61.4	−30.4	−8.7	31.6	195.9	0.663	0.0	0.328	0.212	183	0.0	1.0	0.552	55.1	−48.7	−13.9	50.6	195.9
231	231$_{de}$	0.25	0.875	0.75	0.875	0.625	0.562	199	0.25	0.875	0.66	61.5	−26.9	−13.6	30.2	206.9	0.648	0.0	0.256	0.224	190	0.0	1.0	0.656	55.3	−43.1	−21.9	48.3	206.9
232	232$_{de}$	0.25	0.875	0.875	0.875	0.625	0.562	210	0.25	0.875	0.744	61.3	−24.1	−18.2	30.2	216.9	0.639	0.0	0.193	0.236	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9
233	233$_{de}$	0.25	0.875	1.0	1.0	0.75	0.625	219	0.25	1.0	0.929	64.5	−26.5	−26.7	37.6	225.1	0.697	0.0	0.129	0.058	205	0.0	1.0	0.905	54.1	−35.3	−35.6	50.2	225.1
234	234$_{de}$	0.25	1.0	0.0	1.0	1.0	0.5	136	0.227	1.0	0.0	59.9	−58.2	39.3	70.2	145.9	0.755	0.0	0.974	0.125	137	0.227	1.0	0.0	59.9	−58.2	39.3	70.2	145.9
235	235$_{de}$	0.25	1.0	0.125	1.0	0.875	0.562	142	0.189	1.0	0.125	60.8	−56.4	28.8	63.4	152.9	0.764	0.0	0.808	0.125	146	0.073	1.0	0.0	55.9	−64.5	33.0	72.4	152.9
236	236$_{de}$	0.25	1.0	0.25	1.0	0.75	0.625	150	0.25	1.0	0.36	64.3	−49.4	15.8	51.9	162.2	0.717	0.0	0.63	0.125	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
237	237$_{de}$	0.25	1.0	0.375	1.0	0.75	0.625	159	0.25	1.0	0.453	64.4	−46.7	7.8	47.3	170.4	0.727	0.0	0.56	0.125	165	0.0	1.0	0.271	53.9	−62.2	10.4	63.1	170.4
238	238$_{de}$	0.25	1.0	0.5	1.0	0.75	0.625	169	0.25	1.0	0.527	65.0	−42.8	0.3	42.8	179.5	0.714	0.0	0.451	0.125	171	0.0	1.0	0.37	54.7	−57.0	0.4	57.0	179.5
239	239$_{de}$	0.25	1.0	0.625	1.0	0.75	0.625	180	0.25	1.0	0.623	65.2	−38.7	−6.5	39.2	189.6	0.702	0.0	0.37	0.125	179	0.0	1.0	0.497	55.0	−51.6	−8.7	52.3	189.6
240	240$_{de}$	0.25	1.0	0.75	1.0	0.75	0.625	191	0.25	1.0	0.687	65.3	−35.1	−12.5	37.3	199.6	0.702	0.0	0.296	0.125	185	0.0	1.0	0.583	55.2	−46.8	−16.7	49.7	199.6
241	241$_{de}$	0.25	1.0	0.875	1.0	0.75	0.625	201	0.25	1.0	0.759	65.4	−31.7	−17.4	36.2	208.7	0.687	0.0	0.256	0.0	191	0.0	1.0	0.678	55.3	−42.3	−23.2	48.2	208.7
242	242$_{de}$	0.25	1.0	1.0	1.0	0.75	0.625	210	0.25	1.0	0.843	65.1	−29.0	−21.8	36.3	216.9	0.699	0.0	0.213	0.001	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9

delta

4−1131030−F0

PI490−7N, 11/22−F

Grafico TUB-PI49; grafico per il test
colori e la differenza, $\Delta E'^*$, 3D=1, de=1, *cmyk**

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

iscrizione TUB: 20160501-PI49/PI49L0FA.TXT /.PS
Applicatione per la misura dell'output output della stampante laser, separazione cmyn6* (CMYK)

TUB materiale: code=rha4ta

vedi file simili: http://farbe.li.tu-berlin.de/PI49/PI49.HTM
informazioni tecniche: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

n	HIC*$_{Fde}$	*rgb*$_{Fde}$			*ict*$_{Fde}$			$h_{si_F,de}$	*rgb**$_{Fde}$			*LabCh**$_{Fde}$					*cmyn**$_{sep,Fde}$				$h_{siM,de}$	*rgb**$_{Mde}$			*LabCh**$_{Mde}$				
243	243$_{de}$	0.375	0.0	0.0	0.375	0.375	0.187	390	0.375	0.0	0.098	32.7	21.0	10.0	23.2	25.4	0.0	0.729	0.525	0.651	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
244	244$_{de}$	0.375	0.0	0.125	0.375	0.375	0.187	371	0.375	0.0	0.22	32.8	22.9	1.7	22.9	4.3	0.0	0.708	0.33	0.658	354	1.0	0.0	0.588	47.9	61.1	4.6	61.2	4.3
245	245$_{de}$	0.375	0.0	0.25	0.375	0.375	0.187	349	0.353	0.0	0.375	32.5	23.6	−5.6	24.2	346.6	0.0	0.679	0.142	0.678	327	0.941	0.0	1.0	47.0	63.0	−14.9	64.7	346.6
246	246$_{de}$	0.375	0.0	0.375	0.375	0.375	0.187	330	0.219	0.0	0.375	29.3	17.5	−10.7	20.5	328.6	0.057	0.602	0.0	0.749	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
247	247$_{de}$	0.375	0.0	0.5	0.5	0.5	0.25	316	0.173	0.0	0.5	28.6	18.2	−18.0	25.7	315.3	0.317	0.734	0.0	0.663	289	0.347	0.0	1.0	33.5	36.5	−36.1	51.4	315.3
248	248$_{de}$	0.375	0.0	0.625	0.625	0.625	0.312	307	0.147	0.0	0.625	28.3	18.6	−24.8	31.0	306.8	0.504	0.817	0.0	0.585	283	0.235	0.0	1.0	31.0	29.7	−39.7	49.6	306.8
249	249$_{de}$	0.375	0.0	0.75	0.75	0.75	0.375	300	0.104	0.0	0.75	29.6	18.3	−31.4	36.4	300.1	0.645	0.829	0.0	0.512	277	0.138	0.0	1.0	31.5	24.4	−41.9	48.5	300.1
250	250$_{de}$	0.375	0.0	0.875	0.875	0.875	0.437	295	0.06	0.0	0.875	31.0	18.0	−38.0	42.0	295.4	0.788	0.857	0.0	0.408	273	0.068	0.0	1.0	32.0	20.6	−43.4	48.0	295.4
251	251$_{de}$	0.375	0.0	1.0	1.0	1.0	0.5	292	0.026	0.0	1.0	32.3	18.3	−44.1	47.8	292.5	0.942	0.938	0.0	0.125	271	0.026	0.0	1.0	32.3	18.3	−44.1	47.8	292.5
252	252$_{de}$	0.375	0.125	0.0	0.375	0.375	0.187	49	0.375	0.066	0.0	35.3	18.4	19.5	26.8	46.6	0.0	0.664	0.713	0.615	39	1.0	0.177	0.0	54.6	49.1	52.0	71.6	46.6
253	253$_{de}$	0.375	0.125	0.125	0.375	0.25	0.25	390	0.375	0.124	0.19	38.7	14.0	6.6	15.5	25.4	0.0	0.501	0.37	0.64	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
254	254$_{de}$	0.375	0.125	0.25	0.375	0.25	0.25	360	0.375	0.124	0.331	39.2	16.3	−2.2	16.5	352.0	0.0	0.48	0.167	0.64	339	1.0	0.0	0.827	49.4	65.5	−9.1	66.2	352.0
255	255$_{de}$	0.375	0.125	0.375	0.375	0.25	0.25	330	0.271	0.124	0.375	36.5	11.6	−7.1	13.6	328.6	0.003	0.376	0.0	0.71	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
256	256$_{de}$	0.375	0.125	0.5	0.5	0.375	0.312	311	0.232	0.124	0.5	35.8	12.3	−14.3	18.9	310.5	0.192	0.478	0.0	0.643	286	0.285	0.0	1.0	31.9	32.8	−38.2	50.4	310.5
257	257$_{de}$	0.375	0.125	0.625	0.625	0.5	0.375	300	0.194	0.125	0.625	36.6	12.2	−20.9	24.2	300.1	0.355	0.549	0.0	0.549	277	0.138	0.0	1.0	31.5	24.4	−41.9	48.5	300.1
258	258$_{de}$	0.375	0.125	0.75	0.75	0.625	0.437	293	0.15	0.125	0.75	38.1	11.9	−27.4	29.9	293.5	0.507	0.618	0.0	0.441	272	0.04	0.0	1.0	32.2	19.1	−43.9	47.9	293.5
259	259$_{de}$	0.375	0.125	0.875	0.875	0.75	0.5	289	0.125	0.135	0.875	39.6	12.0	−33.6	35.7	289.7	0.649	0.689	0.0	0.322	269	0.0	0.014	1.0	32.8	16.1	−44.8	47.6	289.7
260	260$_{de}$	0.375	0.125	1.0	1.0	0.875	0.562	286	0.125	0.17	1.0	41.3	12.0	−39.8	41.6	286.9	0.701	0.67	0.0	0.163	267	0.0	0.052	1.0	33.6	13.8	−45.5	47.5	286.9
261	261$_{de}$	0.375	0.25	0.0	0.375	0.375	0.187	71	0.375	0.175	0.0	40.7	8.3	24.3	25.7	71.1	0.0	0.443	0.685	0.614	57	1.0	0.466	0.0	68.9	22.1	64.9	68.5	71.1
262	262$_{de}$	0.375	0.25	0.125	0.375	0.25	0.25	60	0.375	0.204	0.124	42.3	8.8	14.6	17.0	58.8	0.0	0.417	0.492	0.625	48	1.0	0.319	0.0	61.8	35.2	58.4	68.2	58.8
263	263$_{de}$	0.375	0.25	0.25	0.375	0.125	0.312	390	0.375	0.249	0.282	44.8	7.0	3.3	7.7	25.4	0.0	0.262	0.233	0.632	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
264	264$_{de}$	0.375	0.25	0.375	0.375	0.125	0.312	330	0.323	0.249	0.375	43.6	5.8	−3.5	6.8	328.6	0.0	0.195	0.06	0.661	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
265	265$_{de}$	0.375	0.25	0.5	0.5	0.25	0.375	300	0.284	0.249	0.5	43.7	6.1	−10.4	12.1	300.1	0.098	0.237	0.0	0.627	277	0.138	0.0	1.0	31.5	24.4	−41.9	48.5	300.1
266	266$_{de}$	0.375	0.25	0.625	0.625	0.375	0.437	289	0.25	0.255	0.625	45.2	6.0	−16.8	17.8	289.7	0.264	0.33	0.0	0.531	269	0.0	0.014	1.0	32.8	16.1	−44.8	47.6	289.7
267	267$_{de}$	0.375	0.25	0.75	0.75	0.5	0.5	284	0.25	0.288	0.75	46.9	6.1	−22.9	23.7	285.0	0.386	0.401	0.0	0.416	266	0.0	0.077	1.0	34.1	12.2	−45.8	47.4	285.0
268	268$_{de}$	0.375	0.25	0.875	0.875	0.625	0.562	281	0.25	0.322	0.875	48.7	6.2	−28.9	29.5	282.1	0.517	0.48	0.0	0.27	263	0.0	0.115	1.0	34.8	9.9	−46.2	47.3	282.1
269	269$_{de}$	0.375	0.25	1.0	1.0	0.75	0.625	279	0.25	0.356	1.0	50.4	6.3	−35.0	35.6	280.2	0.579	0.493	0.0	0.152	262	0.0	0.141	1.0	35.3	8.4	−46.7	47.5	280.2
270	270$_{de}$	0.375	0.375	0.0	0.375	0.375	0.187	90	0.375	0.288	0.0	46.2	−1.1	28.8	28.8	92.3	0.0	0.213	0.654	0.627	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
271	271$_{de}$	0.375	0.375	0.125	0.375	0.25	0.25	90	0.375	0.317	0.124	47.8	−0.7	19.2	19.2	92.3	0.0	0.17	0.48	0.634	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
272	272$_{de}$	0.375	0.375	0.25	0.375	0.125	0.312	90	0.375	0.346	0.249	49.3	−0.3	9.6	9.6	92.3	0.0	0.111	0.294	0.626	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
273	273$_{de}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	50.8	0.0	0.0	0.0	0.0	0.0	0.026	0.052	0.629	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
274	274$_{de}$	0.375	0.375	0.5	0.5	0.125	0.437	270	0.375	0.407	0.5	52.5	0.1	−6.0	6.0	271.7	0.075	0.066	0.0	0.574	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
275	275$_{de}$	0.375	0.375	0.625	0.625	0.25	0.5	270	0.375	0.44	0.625	54.2	0.3	−12.1	12.1	271.7	0.161	0.131	0.0	0.505	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
276	276$_{de}$	0.375	0.375	0.75	0.75	0.375	0.562	270	0.375	0.472	0.75	55.8	0.5	−18.2	18.2	271.7	0.287	0.221	0.0	0.396	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
277	277$_{de}$	0.375	0.375	0.875	0.875	0.5	0.625	270	0.375	0.505	0.875	57.5	0.7	−24.3	24.3	271.7	0.424	0.32	0.0	0.245	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
278	278$_{de}$	0.375	0.375	1.0	1.0	0.625	0.687	270	0.375	0.538	1.0	59.2	0.9	−30.4	30.4	271.7	0.494	0.364	0.0	0.133	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
279	279$_{de}$	0.375	0.5	0.0	0.5	0.5	0.25	104	0.348	0.5	0.0	54.8	−13.2	39.2	41.4	108.6	0.149	0.0	0.749	0.538	107	0.697	1.0	0.0	85.8	−26.4	78.5	82.9	108.6
280	280$_{de}$	0.375	0.5	0.125	0.5	0.375	0.312	109	0.361	0.5	0.124	54.0	−11.7	25.8	28.4	114.4	0.133	0.0	0.564	0.579	111	0.631	1.0	0.0	80.4	−31.3	68.9	75.7	114.4
281	281$_{de}$	0.375	0.5	0.25	0.5	0.25	0.375	120	0.375	0.5	0.249	53.6	−10.4	13.7	17.2	127.2	0.154	0.0	0.407	0.568	119	0.5	1.0	0.0	71.0	−41.7	54.8	68.9	127.2
282	282$_{de}$	0.375	0.5	0.375	0.5	0.125	0.437	150	0.375	0.5	0.393	54.5	−8.2	2.6	8.6	162.2	0.187	0.0	0.229	0.547	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
283	283$_{de}$	0.375	0.5	0.5	0.5	0.125	0.437	210	0.375	0.5	0.473	54.7	−4.8	−3.6	6.0	216.9	0.139	0.0	0.078	0.556	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9
284	284$_{de}$	0.375	0.5	0.625	0.625	0.25	0.5	240	0.375	0.546	0.625	57.8	−5.8	−12.1	13.4	244.3	0.194	0.015	0.0	0.5	227	0.0	0.686	1.0	51.7	−23.3	−48.6	53.9	244.3
285	285$_{de}$	0.375	0.5	0.75	0.75	0.375	0.562	251	0.375	0.565	0.75	59.3	−5.1	−18.5	19.2	254.3	0.307	0.127	0.0	0.382	239	0.0	0.508	1.0	46.4	−13.8	−49.4	51.3	254.3
286	286$_{de}$	0.375	0.5	0.875	0.875	0.5	0.625	256	0.375	0.592	0.875	60.7	−4.8	−24.7	25.1	258.9	0.445	0.239	0.0	0.238	244	0.0	0.434	1.0	43.6	−9.6	−49.4	50.3	258.9
287	287$_{de}$	0.375	0.5	1.0	1.0	0.625	0.687	259	0.375	0.619	1.0	62.1	−4.5	−30.8	31.1	261.6	0.516	0.306	0.0	0.069	247	0.0	0.39	1.0	42.0	−7.2	−49.3	49.8	261.6
288	288$_{de}$	0.375	0.625	0.0	0.625	0.625	0.312	113	0.364	0.625	0.0	57.0	−22.1	39.8	45.6	119.1	0.332	0.0	0.828	0.403	114	0.583	1.0	0.0	76.9	−35.5	63.7	73.0	119.1
289	289$_{de}$	0.375	0.625	0.125	0.625	0.5	0.375	120	0.375	0.625	0.125	56.4	−20.8	27.4	34.4	127.2	0.338	0.0	0.682	0.454	119	0.5	1.0	0.0	71.0	−41.7	54.8	68.9	127.2
290	290$_{de}$	0.375	0.625	0.25	0.625	0.375	0.437	131	0.365	0.625	0.25	56.6	−19.8	16.5	25.8	140.0	0.344	0.0	0.546	0.444	132	0.308	1.0	0.0	63.4	−52.8	44.2	68.9	140.0
291	291$_{de}$	0.375	0.625	0.375	0.625	0.25	0.5	150	0.375	0.625	0.411	58.3	−16.4	5.2	17.3	162.2	0.319	0.0	0.37	0.44	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
292	292$_{de}$	0.375	0.625	0.5	0.625	0.25	0.5	180	0.375	0.625	0.499	58.6	−12.9	−2.1	13.0	189.6	0.287	0.0	0.231	0.457	179	0.0	1.0	0.497	55.0	−51.6	−8.7	52.3	189.6
293	293$_{de}$	0.375	0.625	0.625	0.625	0.25	0.5	210	0.375	0.625	0.572	58.6	−9.6	−7.2	12.1	216.9	0.245	0.0	0.117	0.478	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9
294	294$_{de}$	0.375	0.625	0.75	0.75	0.375	0.562	229	0.375	0.75	0.747	61.8	−11.4	−15.9	19.6	234.3	0.314	0.0	0.018	0.399	209	0.0	1.0	0.992	53.2	−30.5	−42.5	52.3	234.3
295	295$_{de}$	0.375	0.625	0.875	0.875	0.5	0.625	240	0.375	0.718	0.875	64.7	−11.6	−24.3	26.9	244.3	0.453	0.113	0.0	0.243	227	0.0	0.686	1.0	51.7	−23.3	−48.6	53.9	244.3
296	296$_{de}$	0.375	0.625	1.0	1.0	0.625	0.687	247	0.375	0.729	1.0	66.2	−10.8	−31.0	32.8	250.7	0.538	0.236	0.0	0.04	235	0.0	0.567	1.0	48.5	−17.3	−49.6	52.5	250.7
297	297$_{de}$	0.375	0.75	0.0	0.75	0.75	0.375	120	0.375	0.75	0.0	59.2	−31.3	41.1	51.7	127.2	0.441	0.0	0.887	0.297	119	0.5	1.0	0.0	71.0	−41.7	54.8	68.9	127.2
298	298$_{de}$	0.375	0.75	0.125	0.75	0.625	0.437	127	0.353	0.75	0.125	59.3	−30.1	29.7	42.3	135.4	0.464	0.0	0.757	0.326	128	0.366	1.0	0.0	66.1	−48.2	47.5	67.7	135.4
299	299$_{de}$	0.375	0.75	0.25	0.75	0.5	0.5	136	0.363	0.75	0.25	59.9	−29.1	19.6	35.1	145.9	0.469	0.0	0.643	0.314	137	0.227	1.0	0.0	59.9	−58.2	39.3	70.2	145.9
300	300$_{de}$	0.375	0.75	0.375	0.75	0.375	0.562	150	0.375	0.75	0.43	62.0	−24.7	7.9	25.9	162.2	0.425	0.0	0.471	0.317	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
301	301$_{de}$	0.375	0.75	0.5	0.75	0.375	0.562	169	0.375	0.75	0.513	62.4	−21.4	0.1	21.4	179.5	0.413	0.0	0.351	0.329	171	0.0	1.0	0.37	54.7	−57.0	0.4	57.0	179.5
302	302$_{de}$	0.375	0.75	0.625	0.75	0.375	0.562	191	0.375	0.75	0.593	62.6	−17.5	−6.2	18.6	199.6	0.389	0.0	0.238	0.349	185	0.0	1.0	0.583	55.2	−46.8	−16.7	49.7	199.6
303	303$_{de}$	0.375	0.75	0.75	0.75	0.375	0.562	210	0.375	0.75	0.671	62.5	−14.5	−10.9	18.1	216.9	0.351	0.0	0.138	0.374	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9
304	304$_{de}$	0.375	0.75	0.875	0.875	0.5	0.625	224	0.375	0.875	0.849	65.7	−16.5	−19.5	25.6	229.7	0.439	0.0	0.057	0.282	207	0.0	1.0	0.948	53.6	−33.1	−39.1	51.2	229.7
305	305$_{de}$	0.375	0.75	1.0	1.0	0.625	0.687	233	0.375	0.922	1.0	69.1	−17.4	−27.9	32.9	237.9	0.525	0.05	0.0	0.142	216	0.0	0.875	1.0	53.1	−27.9	−44.7	52.7	237.9
306	306$_{de}$	0.375	0.875	0.0	0.875	0.875	0.437	125	0.352	0.875	0.0	62.1	−40.5	43.3	59.4	133.0	0.545	0.0	0.934	0.195	126	0.402	1.0	0.0	67.5	−46.3	49.5	67.9	133.0
307	307$_{de}$	0.375	0.875	0.125	0.875	0.75	0.5	131	0.356	0.875	0.125	62.5	−39.6	33.1	51.7	140.0	0.561	0.0	0.814	0.209	132	0.308	1.0	0.0	63.4	−52.8	44.2	68.9	140.0
308	308$_{de}$	0.375	0.875	0.25	0.875	0.625	0.562	139	0.348	0.875	0.25	63.1	−38.1	22.5	44.2	149.4	0.579	0.0	0.7	0.197	141	0.157	1.0	0.0	57.9	−60.9	36.0	70.8	149.4
309	309$_{de}$	0.375	0.875	0.375	0.875	0.5	0.625	150	0.375	0.875	0.448	65.8	−32.9	10.5	34.6	162.2	0.551	0.0	0.527	0.192	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
310	310$_{de}$	0.375	0.875	0.5	0.875	0.5	0.625	164	0.375	0.875	0.535	66.0	−29.9	2.6	30.0	175.0	0.55	0.0	0.418	0.199	168	0.0	1.0	0.32	54.3	−59.8	5.2	60.1	175.0
311	311$_{de}$	0.375	0.875	0.625	0.875	0.5	0.625	180	0.375	0.875	0.623	66.4	−25.8	−4.3	26.1	189.6	0.521	0.0	0.316	0.215	179	0.0	1.0	0.497	55.0	−51.6	−8.7	52.3	189.6
312	312$_{de}$	0.375	0.875	0.75	0.875	0.5	0.625	196	0.375	0.875	0.686	66.5	−22.1	−9.9	24.2	204.2	0.487	0.0	0.237	0.233	188	0.0	1.0	0.622	55.3	−44.3	−19.9	48.5	204.2
313	313$_{de}$	0.375	0.875	0.875	0.875	0.5	0.625	210	0.375	0.875	0.77	66.4	−19.3	−14.5	24.2	216.9	0.462	0.0	0.172	0.251	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9
314	314$_{de}$	0.375	0.875	1.0	1.0	0.625	0.687	221	0.375	1.0	0.951	69.6	−21.5	−23.1	31.6	227.0	0.549	0.0	0.079	0.138	206	0.0	1.0	0.922	53.9	−34.5	−37.0	50.6	227.0
315	315$_{de}$	0.375	1.0	0.0	1.0	1.0	0.5	128	0.351	1.0	0.0	65.4	−49.4	46.7	68.0	136.5	0.647	0.0	1.0	0.0	129	0.351	1.0	0.0	65.4	−49.4	46.7	68.0	136.5
316	316$_{de}$	0.375	1.0	0.125	1.0	0.875	0.562	134	0.356	1.0	0.125	65.6	−49.1	36.2	61.0	143.5	0.636	0.0	0.84	0.125	135	0.264	1.0	0.0	61.3	−56.1	41.4	69.8	143.5
317	317$_{de}$	0.375	1.0	0.25	1.0	0.75	0.625	141	0.329	1.0	0.25	66.4	−47.3	25.4	53.7	151.7	0.65	0.0	0.717	0.125	144	0.105	1.0	0.0	56.6	−63.0	33.9	71.6	151.7
318	318$_{de}$	0.375	1.0	0.375	1.0	0.625	0.687	150	0.375	1.0	0.466	69.5	−41.2	13.2	43.2	162.2	0.622	0.0	0.561	0.125	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
319	319$_{de}$	0.375	1.0	0.5	1.0	0.625	0.687	161	0.375	1.0	0.556	69.7	−38.3	5.2	38.7	172.2	0.616	0.0	0.437	0.125	166	0.0	1.0	0.29	54.1	−61.3	8.3	61.9	172.2
320	320$_{de}$	0.375	1.0	0.625	1.0	0.625	0.687	173	0.375	1.0	0.635	70.2	−34.5	−1.9	34.5	183.2	0.625	0.0	0.375	0.0	174	0.0	1.0	0.416	54.8	−55.2	−3.1	55.3	183.2
321	321$_{de}$	0.375	1.0	0.75	1.0	0.625	0.687	187	0.375	1.0	0.72	70.4	−30.4	−8.7	31.6	195.9	0.603	0.0	0.283	0.125	183	0.0	1.0	0.552	55.1	−48.7	−13.9	50.6	195.9
322	322$_{de}$	0.375	1.0	0.875	1.0	0.625	0.687	199	0.375	1.0	0.785	70.5	−26.9	−13.6	30.2	206.9	0.589	0.0	0.264	0.0	190	0.0	1.0	0.656	55.3	−43.1	−21.9	48.3	206.9
323	323$_{de}$	0.375	1.0	1.0	1.0	0.625	0.687	210	0.375	1.0	0.869	70.3	−24.1	−18.2	30.2	216.9	0.563	0.0	0.173	0.087	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9

delta

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PI490−7N, 12/22−F

Grafico TUB-PI49; grafico per il test
colori e la differenza, $\Delta E'$*, 3D=1, de=1, *cmyk**

Input: *rgb/cmyk* −> *rgb*$_{de}$
Output: 3D-linearizzazione a *cmyk**$_{de}$

vedi file simili: http://farbe.li.tu-berlin.de/PI49/PI49.HTM
informazioni tecniche: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

iscrizione TUB: 20160501-PI49/PI49L0FA.TXT /.PS
Applicatione per la misura dell'output output della stampante laser, separazione cmyn6* (CMYK)

TUB materiale: code=rha4ta

n	HIC*$_{Fde}$	rgb_{Fde}			ict_{Fde}			h_{si_Fde}	rgb^*_{Fde}			$LabCh^*_{Fde}$					$cmyn^*_{sep,Fde}$				$h_{siM,de}$	rgb^*_{Mde}			$LabCh^*_{Mde}$				
324	324$_{de}$	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.131	35.7	28.0	13.3	31.0	25.4	0.0	0.799	0.583	0.542	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
325	325$_{de}$	0.5	0.0	0.125	0.5	0.5	0.25	376	0.5	0.0	0.25	35.8	29.5	5.1	29.9	9.8	0.0	0.78	0.414	0.544	359	1.0	0.0	0.501	47.8	59.0	10.2	59.9	9.8
326	326$_{de}$	0.5	0.0	0.25	0.5	0.5	0.25	360	0.5	0.0	0.413	36.6	32.7	−4.5	33.1	352.0	0.0	0.76	0.192	0.547	339	1.0	0.0	0.827	49.4	65.5	−9.1	66.2	352.0
327	327$_{de}$	0.5	0.0	0.375	0.5	0.5	0.25	344	0.412	0.0	0.5	34.0	29.1	−9.5	30.6	341.8	0.0	0.72	0.029	0.646	320	0.825	0.0	1.0	44.1	58.2	−19.0	61.2	341.8
328	328$_{de}$	0.5	0.0	0.5	0.5	0.5	0.25	330	0.292	0.0	0.5	31.1	23.3	−14.2	27.3	328.6	0.158	0.714	0.0	0.651	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
329	329$_{de}$	0.5	0.0	0.625	0.625	0.625	0.312	319	0.242	0.0	0.625	30.5	24.2	−21.6	32.4	318.1	0.359	0.801	0.0	0.543	292	0.387	0.0	1.0	34.5	38.7	−34.6	51.9	318.1
330	330$_{de}$	0.5	0.0	0.75	0.75	0.75	0.375	311	0.214	0.0	0.75	29.9	24.6	−28.7	37.8	310.5	0.525	0.865	0.0	0.455	286	0.285	0.0	1.0	31.9	32.8	−38.2	50.4	310.5
331	331$_{de}$	0.5	0.0	0.875	0.875	0.875	0.437	305	0.181	0.0	0.875	30.2	24.7	−35.4	43.1	304.9	0.699	0.901	0.0	0.369	281	0.207	0.0	1.0	31.2	28.2	−40.4	49.3	304.9
332	332$_{de}$	0.5	0.0	1.0	1.0	1.0	0.5	300	0.138	0.0	1.0	31.5	24.4	−41.9	48.5	300.1	0.858	1.0	0.0	0.0	277	0.138	0.0	1.0	31.5	24.4	−41.9	48.5	300.1
333	333$_{de}$	0.5	0.125	0.0	0.5	0.5	0.25	44	0.5	0.054	0.0	37.6	27.4	23.8	36.3	41.0	0.0	0.763	0.772	0.484	35	1.0	0.108	0.0	51.4	54.8	47.7	72.6	41.0
334	334$_{de}$	0.5	0.125	0.125	0.5	0.375	0.312	390	0.5	0.124	0.223	41.7	21.0	10.0	23.2	25.4	0.0	0.617	0.433	0.513	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
335	335$_{de}$	0.5	0.125	0.25	0.5	0.375	0.312	371	0.5	0.124	0.345	41.8	22.9	1.7	22.9	4.3	0.0	0.598	0.282	0.53	354	1.0	0.0	0.588	47.9	61.1	4.6	61.2	4.3
336	336$_{de}$	0.5	0.125	0.375	0.5	0.375	0.312	349	0.478	0.124	0.5	41.5	23.6	−5.6	24.2	346.6	0.0	0.57	0.133	0.562	327	0.941	0.0	1.0	47.0	63.0	−14.9	64.7	346.6
337	337$_{de}$	0.5	0.125	0.5	0.5	0.375	0.312	330	0.344	0.124	0.5	38.3	17.5	−10.7	20.5	328.6	0.048	0.492	0.0	0.643	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
338	338$_{de}$	0.5	0.125	0.625	0.625	0.5	0.375	316	0.298	0.125	0.625	37.6	18.2	−18.0	25.7	315.3	0.261	0.594	0.0	0.547	289	0.347	0.0	1.0	33.5	36.5	−36.1	51.4	315.3
339	339$_{de}$	0.5	0.125	0.75	0.75	0.625	0.437	307	0.272	0.125	0.75	37.3	18.6	−24.8	31.0	306.8	0.423	0.677	0.0	0.446	283	0.235	0.0	1.0	31.0	29.7	−39.7	49.6	306.8
340	340$_{de}$	0.5	0.125	0.875	0.875	0.75	0.5	300	0.229	0.125	0.875	38.6	18.3	−31.4	36.4	300.1	0.557	0.733	0.0	0.333	277	0.138	0.0	1.0	31.5	24.4	−41.9	48.5	300.1
341	341$_{de}$	0.5	0.125	1.0	1.0	0.875	0.562	295	0.185	0.125	1.0	40.0	18.0	−38.0	42.0	295.4	0.654	0.73	0.0	0.174	273	0.068	0.0	1.0	32.0	20.6	−43.4	48.0	295.4
342	342$_{de}$	0.5	0.25	0.0	0.5	0.5	0.25	60	0.5	0.159	0.0	42.8	17.6	29.2	34.1	58.8	0.0	0.586	0.768	0.476	48	1.0	0.319	0.0	61.8	35.2	58.4	68.2	58.8
343	343$_{de}$	0.5	0.25	0.125	0.5	0.375	0.312	49	0.5	0.191	0.124	44.3	18.4	19.5	26.8	46.6	0.0	0.599	0.591	0.476	39	1.0	0.177	0.0	54.6	49.1	52.0	71.6	46.6
344	344$_{de}$	0.5	0.25	0.25	0.5	0.25	0.375	390	0.5	0.249	0.315	47.7	14.0	6.6	15.5	25.4	0.0	0.44	0.333	0.507	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
345	345$_{de}$	0.5	0.25	0.375	0.5	0.25	0.375	360	0.5	0.249	0.456	48.2	16.3	−2.2	16.5	352.0	0.0	0.42	0.163	0.513	339	1.0	0.0	0.827	49.4	65.5	−9.1	66.2	352.0
346	346$_{de}$	0.5	0.25	0.5	0.5	0.25	0.375	330	0.396	0.249	0.5	45.5	11.6	−7.1	13.6	328.6	0.0	0.298	0.03	0.614	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
347	347$_{de}$	0.5	0.25	0.625	0.625	0.375	0.437	311	0.357	0.25	0.625	44.8	12.3	−14.3	18.9	310.5	0.17	0.389	0.0	0.542	286	0.285	0.0	1.0	31.9	32.8	−38.2	50.4	310.5
348	348$_{de}$	0.5	0.25	0.75	0.75	0.5	0.5	300	0.319	0.25	0.75	45.6	12.2	−20.9	24.2	300.1	0.311	0.458	0.0	0.435	277	0.138	0.0	1.0	31.5	24.4	−41.9	48.5	300.1
349	349$_{de}$	0.5	0.25	0.875	0.875	0.625	0.562	293	0.275	0.25	0.875	47.1	11.9	−27.4	29.9	293.5	0.457	0.538	0.0	0.295	272	0.04	0.0	1.0	32.2	19.1	−43.9	47.9	293.5
350	350$_{de}$	0.5	0.25	1.0	1.0	0.75	0.625	289	0.25	0.26	1.0	48.5	12.0	−33.6	35.7	289.7	0.539	0.543	0.0	0.168	269	0.0	0.014	1.0	32.8	16.1	−44.8	47.6	289.7
351	351$_{de}$	0.5	0.375	0.0	0.5	0.5	0.25	76	0.5	0.275	0.0	48.0	8.0	34.1	35.0	76.7	0.0	0.412	0.766	0.476	63	1.0	0.551	0.0	72.3	16.1	68.2	70.1	76.7
352	352$_{de}$	0.5	0.375	0.125	0.5	0.375	0.312	71	0.5	0.3	0.124	49.7	8.3	24.3	25.7	71.1	0.0	0.41	0.603	0.488	57	1.0	0.466	0.0	68.9	22.1	64.9	68.5	71.1
353	353$_{de}$	0.5	0.375	0.25	0.5	0.25	0.375	60	0.5	0.329	0.249	51.3	8.8	14.6	17.0	58.8	0.0	0.373	0.436	0.487	48	1.0	0.319	0.0	61.8	35.2	58.4	68.2	58.8
354	354$_{de}$	0.5	0.375	0.375	0.5	0.125	0.437	390	0.5	0.375	0.407	53.8	7.0	3.3	7.7	25.4	0.0	0.254	0.22	0.512	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
355	355$_{de}$	0.5	0.375	0.5	0.5	0.125	0.437	330	0.448	0.375	0.5	52.6	5.8	−3.5	6.8	328.6	0.0	0.177	0.054	0.553	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
356	356$_{de}$	0.5	0.375	0.625	0.625	0.25	0.5	300	0.409	0.375	0.625	52.7	6.1	−10.4	12.1	300.1	0.083	0.209	0.0	0.514	277	0.138	0.0	1.0	31.5	24.4	−41.9	48.5	300.1
357	357$_{de}$	0.5	0.375	0.75	0.75	0.375	0.562	289	0.375	0.38	0.75	54.2	6.0	−16.8	17.8	289.7	0.241	0.286	0.0	0.406	269	0.0	0.014	1.0	32.8	16.1	−44.8	47.6	289.7
358	358$_{de}$	0.5	0.375	0.875	0.875	0.5	0.625	284	0.375	0.413	0.875	55.9	6.1	−22.9	23.7	285.0	0.372	0.373	0.0	0.261	266	0.0	0.077	1.0	34.1	12.2	−45.8	47.4	285.0
359	359$_{de}$	0.5	0.375	1.0	1.0	0.625	0.687	281	0.375	0.447	1.0	57.7	6.2	−28.9	29.5	282.1	0.445	0.404	0.0	0.154	263	0.0	0.115	1.0	34.8	9.9	−46.2	47.3	282.1
360	360$_{de}$	0.5	0.5	0.0	0.5	0.5	0.25	90	0.5	0.384	0.0	53.7	−1.5	38.4	38.4	92.3	0.0	0.227	0.741	0.491	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
361	361$_{de}$	0.5	0.5	0.125	0.5	0.375	0.312	90	0.5	0.413	0.124	55.2	−1.1	28.8	28.8	92.3	0.0	0.215	0.588	0.506	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
362	362$_{de}$	0.5	0.5	0.25	0.5	0.25	0.375	90	0.5	0.442	0.249	56.8	−0.7	19.2	19.2	92.3	0.0	0.171	0.435	0.508	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
363	363$_{de}$	0.5	0.5	0.375	0.5	0.125	0.437	90	0.5	0.471	0.375	58.3	−0.3	9.6	9.6	92.3	0.0	0.106	0.27	0.511	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
364	364$_{de}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	59.8	0.0	0.0	0.0	0.0	0.0	0.029	0.059	0.51	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
365	365$_{de}$	0.5	0.5	0.625	0.625	0.125	0.562	270	0.5	0.532	0.625	61.5	0.1	−6.0	6.0	271.7	0.082	0.064	0.0	0.453	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
366	366$_{de}$	0.5	0.5	0.75	0.75	0.25	0.625	270	0.5	0.565	0.75	63.2	0.3	−12.1	12.1	271.7	0.158	0.123	0.0	0.387	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
367	367$_{de}$	0.5	0.5	0.875	0.875	0.375	0.687	270	0.5	0.597	0.875	64.8	0.5	−18.2	18.2	271.7	0.292	0.22	0.0	0.252	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
368	368$_{de}$	0.5	0.5	1.0	1.0	0.5	0.75	270	0.5	0.63	1.0	66.5	0.7	−24.3	24.3	271.7	0.373	0.288	0.0	0.127	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
369	369$_{de}$	0.5	0.625	0.0	0.625	0.625	0.312	101	0.46	0.625	0.0	64.5	−14.2	52.6	54.5	105.1	0.148	0.0	0.821	0.391	104	0.736	1.0	0.0	89.0	−22.7	84.1	87.2	105.1
370	370$_{de}$	0.5	0.625	0.125	0.625	0.5	0.375	104	0.473	0.625	0.125	63.8	−13.2	39.2	41.4	108.6	0.118	0.0	0.665	0.447	107	0.697	1.0	0.0	85.8	−26.4	78.5	82.9	108.6
371	371$_{de}$	0.5	0.625	0.25	0.625	0.375	0.437	109	0.486	0.625	0.25	63.0	−11.7	25.8	28.4	114.4	0.111	0.0	0.507	0.462	111	0.631	1.0	0.0	80.4	−31.3	68.9	75.7	114.4
372	372$_{de}$	0.5	0.625	0.375	0.625	0.25	0.5	120	0.5	0.625	0.375	62.6	−10.4	13.7	17.2	127.2	0.139	0.0	0.364	0.453	119	0.5	1.0	0.0	71.0	−41.7	54.8	68.9	127.2
373	373$_{de}$	0.5	0.625	0.5	0.625	0.125	0.562	150	0.5	0.625	0.518	63.5	−8.2	2.6	8.6	162.2	0.154	0.0	0.198	0.436	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
374	374$_{de}$	0.5	0.625	0.625	0.625	0.125	0.562	210	0.5	0.625	0.598	63.7	−4.8	−3.6	6.0	216.9	0.117	0.0	0.059	0.443	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9
375	375$_{de}$	0.5	0.625	0.75	0.75	0.25	0.625	240	0.5	0.671	0.75	66.8	−5.8	−12.1	13.4	244.3	0.174	0.018	0.0	0.383	227	0.0	0.686	1.0	51.7	−23.3	−48.6	53.9	244.3
376	376$_{de}$	0.5	0.625	0.875	0.875	0.375	0.687	251	0.5	0.69	0.875	68.3	−5.1	−18.5	19.2	254.3	0.31	0.137	0.0	0.242	239	0.0	0.508	1.0	46.4	−13.8	−49.4	51.3	254.3
377	377$_{de}$	0.5	0.625	1.0	1.0	0.5	0.75	256	0.5	0.717	1.0	69.7	−4.8	−24.7	25.1	258.9	0.398	0.23	0.0	0.078	244	0.0	0.434	1.0	43.6	−9.6	−49.4	50.3	258.9
378	378$_{de}$	0.5	0.75	0.0	0.75	0.75	0.375	109	0.473	0.75	0.0	66.2	−23.5	51.7	56.8	114.4	0.319	0.0	0.872	0.285	111	0.631	1.0	0.0	80.4	−31.3	68.9	75.7	114.4
379	379$_{de}$	0.5	0.75	0.125	0.75	0.625	0.437	113	0.489	0.75	0.125	66.0	−22.1	39.8	45.6	119.1	0.307	0.0	0.735	0.323	114	0.583	1.0	0.0	76.9	−35.5	63.7	73.0	119.1
380	380$_{de}$	0.5	0.75	0.25	0.75	0.5	0.5	120	0.5	0.75	0.25	65.4	−20.8	27.4	34.4	127.2	0.301	0.0	0.609	0.334	119	0.5	1.0	0.0	71.0	−41.7	54.8	68.9	127.2
381	381$_{de}$	0.5	0.75	0.375	0.75	0.375	0.562	131	0.49	0.75	0.375	65.6	−19.8	16.5	25.8	140.0	0.31	0.0	0.489	0.329	132	0.308	1.0	0.0	63.4	−52.8	44.2	68.9	140.0
382	382$_{de}$	0.5	0.75	0.5	0.75	0.25	0.625	150	0.5	0.75	0.536	67.3	−16.4	5.2	17.3	162.2	0.3	0.0	0.327	0.323	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
383	383$_{de}$	0.5	0.75	0.625	0.75	0.25	0.625	180	0.5	0.75	0.624	67.6	−12.9	−2.1	13.0	189.6	0.266	0.0	0.198	0.344	179	0.0	1.0	0.497	55.0	−51.6	−8.7	52.3	189.6
384	384$_{de}$	0.5	0.75	0.75	0.75	0.25	0.625	210	0.5	0.75	0.697	67.6	−9.6	−7.2	12.1	216.9	0.214	0.0	0.095	0.368	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9
385	385$_{de}$	0.5	0.75	0.875	0.875	0.375	0.687	229	0.5	0.875	0.872	70.8	−11.4	−15.9	19.6	234.3	0.288	0.0	0.011	0.283	209	0.0	1.0	0.992	53.2	−30.5	−42.5	52.3	234.3
386	386$_{de}$	0.5	0.75	1.0	1.0	0.5	0.75	240	0.5	0.843	1.0	73.7	−11.6	−24.3	26.9	244.3	0.407	0.117	0.0	0.078	227	0.0	0.686	1.0	51.7	−23.3	−48.6	53.9	244.3
387	387$_{de}$	0.5	0.875	0.0	0.875	0.875	0.437	115	0.489	0.875	0.0	68.8	−32.7	53.6	62.8	121.4	0.437	0.0	0.936	0.168	116	0.559	1.0	0.0	75.2	−37.4	61.2	71.8	121.4
388	388$_{de}$	0.5	0.875	0.125	0.875	0.75	0.5	120	0.5	0.875	0.125	68.2	−31.3	41.1	51.7	127.2	0.429	0.0	0.791	0.212	119	0.5	1.0	0.0	71.0	−41.7	54.8	68.9	127.2
389	389$_{de}$	0.5	0.875	0.25	0.875	0.625	0.562	127	0.478	0.875	0.25	68.3	−30.1	29.7	42.3	135.4	0.431	0.0	0.695	0.208	128	0.366	1.0	0.0	66.1	−48.2	47.5	67.7	135.4
390	390$_{de}$	0.5	0.875	0.375	0.875	0.5	0.625	136	0.488	0.875	0.375	68.9	−29.1	19.6	35.1	145.9	0.435	0.0	0.585	0.2	137	0.227	1.0	0.0	59.9	−58.2	39.3	70.2	145.9
391	391$_{de}$	0.5	0.875	0.5	0.875	0.375	0.687	150	0.5	0.875	0.555	71.0	−24.7	7.9	25.9	162.2	0.407	0.0	0.41	0.194	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
392	392$_{de}$	0.5	0.875	0.625	0.875	0.375	0.687	169	0.5	0.875	0.638	71.4	−21.4	0.1	21.4	179.5	0.397	0.0	0.304	0.204	171	0.0	1.0	0.37	54.7	−57.0	0.4	57.0	179.5
393	393$_{de}$	0.5	0.875	0.75	0.875	0.375	0.687	191	0.5	0.875	0.718	71.6	−17.5	−6.2	18.6	199.6	0.368	0.0	0.212	0.224	185	0.0	1.0	0.583	55.2	−46.8	−16.7	49.7	199.6
394	394$_{de}$	0.5	0.875	0.875	0.875	0.375	0.687	210	0.5	0.875	0.796	71.5	−14.5	−10.9	18.1	216.9	0.333	0.0	0.134	0.249	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9
395	395$_{de}$	0.5	0.875	1.0	1.0	0.5	0.75	224	0.5	1.0	0.974	74.7	−16.5	−19.5	25.6	229.7	0.38	0.0	0.037	0.155	207	0.0	1.0	0.948	53.6	−33.1	−39.1	51.2	229.7
396	396$_{de}$	0.5	1.0	0.0	1.0	1.0	0.5	120	0.5	1.0	0.0	71.0	−41.7	54.8	68.9	127.2	0.497	0.0	1.0	0.0	119	0.5	1.0	0.0	71.0	−41.7	54.8	68.9	127.2
397	397$_{de}$	0.5	1.0	0.125	1.0	0.875	0.562	125	0.477	1.0	0.125	71.0	−40.5	43.3	59.4	133.0	0.506	0.0	0.825	0.004	126	0.402	1.0	0.0	67.5	−46.3	49.5	67.9	133.0
398	398$_{de}$	0.5	1.0	0.25	1.0	0.75	0.625	131	0.481	1.0	0.25	71.5	−39.6	33.1	51.7	140.0	0.5	0.0	0.75	0.0	132	0.308	1.0	0.0	63.4	−52.8	44.2	68.9	140.0
399	399$_{de}$	0.5	1.0	0.375	1.0	0.625	0.687	139	0.473	1.0	0.375	72.1	−38.1	22.5	44.2	149.4	0.509	0.0	0.639	0.0	141	0.157	1.0	0.0	57.9	−60.9	36.0	70.8	149.4
400	400$_{de}$	0.5	1.0	0.5	1.0	0.5	0.75	150	0.5	1.0	0.573	74.8	−32.9	10.5	34.6	162.2	0.515	0.0	0.498	0.0	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
401	401$_{de}$	0.5	1.0	0.625	1.0	0.5	0.75	164	0.5	1.0	0.66	75.0	−29.9	2.6	30.0	175.0	0.5	0.0	0.375	0.0	168	0.0	1.0	0.32	54.3	−59.8	5.2	60.1	175.0
402	402$_{de}$	0.5	1.0	0.75	1.0	0.5	0.75	180	0.5	1.0	0.748	75.4	−25.8	−4.3	26.1	189.6	0.44	0.0	0.284	0.125	179	0.0	1.0	0.497	55.0	−51.6	−8.7	52.3	189.6
403	403$_{de}$	0.5	1.0	0.875	1.0	0.5	0.75	196	0.5	1.0	0.811	75.5	−22.1	−9.9	24.2	204.2	0.466	0.0	0.233	0.025	188	0.0	1.0	0.622	55.3	−44.3	−19.9	48.5	204.2
404	404$_{de}$	0.5	1.0	1.0	1.0	0.5	0.75	210	0.5	1.0	0.895	75.4	−19.3	−14.5	24.2	216.9	0.399	0.0	0.132	0.128	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9

delta

4−1131230−F0

PI490−7N, 13/22−F

iscrizione TUB: 20160501-PI49/PI49L0FA.TXT /.PS
Applicatione per la misura dell'output output della stampante laser, separazione cmyn6* (CMYK)

TUB materiale: code=rha4ta

vedi file simili: http://farbe.li.tu-berlin.de/PI49/PI49.HTM
informazioni tecniche: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

Grafico TUB-PI49; grafico per il test
colori e la differenza, $\Delta E'^*$, 3D=1, de=1, *cmyk**

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

n	HIC*$_{Fde}$	*rgb*$_{Fde}$			*ict*$_{Fde}$			h_{si_Fde}	*rgb**$_{Fde}$			*LabCh**$_{Fde}$					*cmyn**$_{sep,Fde}$				$h_{siM,de}$	*rgb**$_{Mde}$			*LabCh**$_{Mde}$				
405	405$_{de}$	0.625	0.0	0.0	0.625	0.625	0.312	390	0.625	0.0	0.164	38.6	35.0	16.7	38.8	25.4	0.0	0.842	0.612	0.41	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
406	406$_{de}$	0.625	0.0	0.125	0.625	0.625	0.312	379	0.625	0.0	0.284	38.7	36.4	8.5	37.4	13.2	0.0	0.836	0.466	0.409	362	1.0	0.0	0.454	47.6	58.3	13.7	59.9	13.2
407	407$_{de}$	0.625	0.0	0.25	0.625	0.625	0.312	367	0.625	0.0	0.412	39.1	39.1	0.0	39.1	359.8	0.0	0.829	0.312	0.41	349	1.0	0.0	0.659	48.3	62.6	−0.1	62.6	359.8
408	408$_{de}$	0.625	0.0	0.375	0.625	0.625	0.312	353	0.625	0.0	0.562	39.7	41.2	−6.9	41.8	350.4	0.0	0.812	0.157	0.42	335	1.0	0.0	0.899	49.2	66.0	−11.1	66.9	350.4
409	409$_{de}$	0.625	0.0	0.5	0.625	0.625	0.312	341	0.473	0.0	0.625	35.2	34.6	−13.2	37.1	339.0	0.091	0.784	0.0	0.549	316	0.756	0.0	1.0	42.1	55.4	−21.2	59.3	339.0
410	410$_{de}$	0.625	0.0	0.625	0.625	0.625	0.312	330	0.365	0.0	0.625	33.0	29.2	−17.8	34.2	328.6	0.243	0.791	0.0	0.543	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
411	411$_{de}$	0.625	0.0	0.75	0.75	0.75	0.375	321	0.316	0.0	0.75	32.4	30.0	−25.1	39.2	320.0	0.412	0.858	0.0	0.421	294	0.421	0.0	1.0	35.3	40.1	−33.5	52.3	320.0
412	412$_{de}$	0.625	0.0	0.875	0.875	0.875	0.437	314	0.282	0.0	0.875	31.7	30.7	−32.4	44.6	313.4	0.567	0.926	0.0	0.295	288	0.322	0.0	1.0	32.9	35.0	−37.0	51.0	313.4
413	413$_{de}$	0.625	0.0	1.0	1.0	1.0	0.5	308	0.249	0.0	1.0	31.0	30.5	−39.4	49.8	307.7	0.749	0.999	0.0	0.0	283	0.249	0.0	1.0	31.0	30.5	−39.4	49.8	307.7
414	414$_{de}$	0.625	0.125	0.0	0.625	0.625	0.312	41	0.625	0.038	0.0	40.0	35.0	27.1	44.3	37.7	0.0	0.83	0.803	0.373	33	1.0	0.06	0.0	49.7	56.0	43.3	70.8	37.7
415	415$_{de}$	0.625	0.125	0.125	0.625	0.5	0.375	390	0.625	0.125	0.256	44.7	28.0	13.3	31.0	25.4	0.0	0.705	0.503	0.387	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
416	416$_{de}$	0.625	0.125	0.25	0.625	0.5	0.375	376	0.625	0.125	0.375	44.8	29.5	5.1	29.9	9.8	0.0	0.689	0.363	0.399	359	1.0	0.0	0.501	47.8	59.0	10.2	59.9	9.8
417	417$_{de}$	0.625	0.125	0.375	0.625	0.5	0.375	360	0.625	0.125	0.538	45.6	32.7	−4.5	33.1	352.0	0.0	0.669	0.182	0.409	339	1.0	0.0	0.827	49.4	65.5	−9.1	66.2	352.0
418	418$_{de}$	0.625	0.125	0.5	0.625	0.5	0.375	344	0.537	0.125	0.625	43.0	29.1	−9.5	30.6	341.8	0.0	0.611	0.038	0.507	320	0.825	0.0	1.0	44.1	58.2	−19.0	61.2	341.8
419	419$_{de}$	0.625	0.125	0.625	0.625	0.5	0.375	330	0.417	0.125	0.625	40.1	23.3	−14.2	27.3	328.6	0.141	0.595	0.0	0.541	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
420	420$_{de}$	0.625	0.125	0.75	0.75	0.625	0.437	319	0.367	0.125	0.75	39.5	24.2	−21.6	32.4	318.1	0.32	0.681	0.0	0.421	292	0.387	0.0	1.0	34.5	38.7	−34.6	51.9	318.1
421	421$_{de}$	0.625	0.125	0.875	0.875	0.75	0.5	311	0.339	0.125	0.875	38.9	24.6	−28.7	37.8	310.5	0.473	0.772	0.0	0.307	286	0.285	0.0	1.0	31.9	32.8	−38.2	50.4	310.5
422	422$_{de}$	0.625	0.125	1.0	1.0	0.875	0.562	305	0.306	0.125	1.0	39.2	24.7	−35.4	43.1	304.9	0.579	0.772	0.0	0.171	281	0.207	0.0	1.0	31.2	28.2	−40.4	49.3	304.9
423	423$_{de}$	0.625	0.25	0.0	0.625	0.625	0.312	53	0.625	0.143	0.0	44.7	27.4	34.0	43.6	51.0	0.0	0.685	0.841	0.358	42	1.0	0.229	0.0	57.2	43.9	54.4	69.9	51.0
424	424$_{de}$	0.625	0.25	0.125	0.625	0.5	0.375	44	0.625	0.179	0.125	46.6	27.4	23.8	36.3	41.0	0.0	0.701	0.656	0.344	35	1.0	0.108	0.0	51.4	54.8	47.7	72.6	41.0
425	425$_{de}$	0.625	0.25	0.25	0.625	0.375	0.437	390	0.625	0.25	0.348	50.7	21.0	10.0	23.2	25.4	0.0	0.552	0.402	0.385	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
426	426$_{de}$	0.625	0.25	0.375	0.625	0.375	0.437	371	0.625	0.25	0.47	50.8	22.9	1.7	22.9	4.3	0.0	0.537	0.267	0.402	354	1.0	0.0	0.588	47.9	61.1	4.6	61.2	4.3
427	427$_{de}$	0.625	0.25	0.5	0.625	0.375	0.437	349	0.603	0.25	0.625	50.5	23.6	−5.6	24.2	346.6	0.0	0.508	0.13	0.435	327	0.941	0.0	1.0	47.0	63.0	−14.9	64.7	346.6
428	428$_{de}$	0.625	0.25	0.625	0.625	0.375	0.437	330	0.469	0.25	0.625	47.3	17.5	−10.7	20.5	328.6	0.035	0.412	0.0	0.526	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
429	429$_{de}$	0.625	0.25	0.75	0.75	0.5	0.5	316	0.423	0.25	0.75	46.6	18.2	−18.0	25.7	315.3	0.225	0.496	0.0	0.425	289	0.347	0.0	1.0	33.5	36.5	−36.1	51.4	315.3
430	430$_{de}$	0.625	0.25	0.875	0.875	0.625	0.562	307	0.397	0.25	0.875	46.3	18.6	−24.8	31.0	306.8	0.38	0.588	0.0	0.304	283	0.235	0.0	1.0	31.0	29.7	−39.7	49.6	306.8
431	431$_{de}$	0.625	0.25	1.0	1.0	0.75	0.625	300	0.354	0.25	1.0	47.6	18.3	−31.4	36.4	300.1	0.474	0.594	0.0	0.173	277	0.138	0.0	1.0	31.5	24.4	−41.9	48.5	300.1
432	432$_{de}$	0.625	0.375	0.0	0.625	0.625	0.312	67	0.625	0.257	0.0	50.4	16.7	38.9	42.4	66.6	0.0	0.525	0.837	0.354	54	1.0	0.411	0.0	66.3	26.8	62.3	67.8	66.6
433	433$_{de}$	0.625	0.375	0.125	0.625	0.5	0.375	60	0.625	0.284	0.125	51.8	17.6	29.2	34.1	58.8	0.0	0.547	0.681	0.357	48	1.0	0.319	0.0	61.8	35.2	58.4	68.2	58.8
434	434$_{de}$	0.625	0.375	0.25	0.625	0.375	0.437	49	0.625	0.316	0.25	53.3	18.4	19.5	26.8	46.6	0.0	0.528	0.534	0.346	39	1.0	0.177	0.0	54.6	49.1	52.0	71.6	46.6
435	435$_{de}$	0.625	0.375	0.375	0.625	0.25	0.5	390	0.625	0.375	0.44	56.7	14.0	6.6	15.5	25.4	0.0	0.399	0.312	0.391	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
436	436$_{de}$	0.625	0.375	0.5	0.625	0.25	0.5	360	0.625	0.375	0.581	57.2	16.3	−2.2	16.5	352.0	0.0	0.389	0.16	0.398	339	1.0	0.0	0.827	49.4	65.5	−9.1	66.2	352.0
437	437$_{de}$	0.625	0.375	0.625	0.625	0.25	0.5	330	0.521	0.375	0.625	54.5	11.6	−7.1	13.6	328.6	0.0	0.274	0.034	0.493	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
438	438$_{de}$	0.625	0.375	0.75	0.75	0.375	0.562	311	0.482	0.375	0.75	53.8	12.3	−14.3	18.9	310.5	0.163	0.339	0.0	0.412	286	0.285	0.0	1.0	31.9	32.8	−38.2	50.4	310.5
439	439$_{de}$	0.625	0.375	0.875	0.875	0.5	0.625	300	0.444	0.375	0.875	54.6	12.2	−20.9	24.2	300.1	0.304	0.424	0.0	0.275	277	0.138	0.0	1.0	31.5	24.4	−41.9	48.5	300.1
440	440$_{de}$	0.625	0.375	1.0	1.0	0.625	0.687	293	0.4	0.375	1.0	56.0	11.9	−27.4	29.9	293.5	0.393	0.452	0.0	0.164	272	0.04	0.0	1.0	32.2	19.1	−43.9	47.9	293.5
441	441$_{de}$	0.625	0.5	0.0	0.625	0.625	0.312	79	0.625	0.382	0.0	55.4	7.7	43.9	44.6	80.0	0.0	0.381	0.834	0.352	67	1.0	0.611	0.0	74.4	12.3	70.3	71.3	80.0
442	442$_{de}$	0.625	0.5	0.125	0.625	0.5	0.375	76	0.625	0.4	0.125	57.0	8.0	34.1	35.0	76.7	0.0	0.386	0.687	0.372	63	1.0	0.551	0.0	72.3	16.1	68.2	70.1	76.7
443	443$_{de}$	0.625	0.5	0.25	0.625	0.375	0.437	71	0.625	0.425	0.25	58.7	8.3	24.3	25.7	71.1	0.0	0.358	0.546	0.371	57	1.0	0.466	0.0	68.9	22.1	64.9	68.5	71.1
444	444$_{de}$	0.625	0.5	0.375	0.625	0.25	0.5	60	0.625	0.454	0.375	60.3	8.8	14.6	17.0	58.8	0.0	0.33	0.401	0.372	48	1.0	0.319	0.0	61.8	35.2	58.4	68.2	58.8
445	445$_{de}$	0.625	0.5	0.5	0.625	0.125	0.562	390	0.625	0.5	0.532	62.8	7.0	3.3	7.7	25.4	0.0	0.221	0.193	0.4	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
446	446$_{de}$	0.625	0.5	0.625	0.625	0.125	0.562	330	0.573	0.5	0.625	61.6	5.8	−3.5	6.8	328.6	0.0	0.143	0.034	0.445	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
447	447$_{de}$	0.625	0.5	0.75	0.75	0.25	0.625	300	0.534	0.5	0.75	61.7	6.1	−10.4	12.1	300.1	0.102	0.192	0.0	0.394	277	0.138	0.0	1.0	31.5	24.4	−41.9	48.5	300.1
448	448$_{de}$	0.625	0.5	0.875	0.875	0.375	0.687	289	0.5	0.505	0.875	63.2	6.0	−16.8	17.8	289.7	0.242	0.277	0.0	0.263	269	0.0	0.014	1.0	32.8	16.1	−44.8	47.6	289.7
449	449$_{de}$	0.625	0.5	1.0	1.0	0.5	0.75	284	0.5	0.538	1.0	64.9	6.1	−22.9	23.7	285.0	0.334	0.328	0.0	0.149	266	0.0	0.077	1.0	34.1	12.2	−45.8	47.4	285.0
450	450$_{de}$	0.625	0.625	0.0	0.625	0.625	0.312	90	0.625	0.48	0.0	61.2	−1.9	48.0	48.0	92.3	0.0	0.217	0.784	0.39	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
451	451$_{de}$	0.625	0.625	0.125	0.625	0.5	0.375	90	0.625	0.509	0.125	62.7	−1.5	38.4	38.4	92.3	0.0	0.21	0.65	0.399	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
452	452$_{de}$	0.625	0.625	0.25	0.625	0.375	0.437	90	0.625	0.538	0.25	64.2	−1.1	28.8	28.8	92.3	0.0	0.188	0.523	0.397	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
453	453$_{de}$	0.625	0.625	0.375	0.625	0.25	0.5	90	0.625	0.567	0.375	65.7	−0.7	19.2	19.2	92.3	0.0	0.145	0.388	0.396	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
454	454$_{de}$	0.625	0.625	0.5	0.625	0.125	0.562	90	0.625	0.596	0.5	67.3	−0.3	9.6	9.6	92.3	0.0	0.086	0.237	0.404	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
455	455$_{de}$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	68.8	0.0	0.0	0.0	0.0	0.0	0.028	0.063	0.409	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
456	456$_{de}$	0.625	0.625	0.75	0.75	0.125	0.687	270	0.625	0.657	0.75	70.5	0.1	−6.0	6.0	271.7	0.076	0.06	0.0	0.351	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
457	457$_{de}$	0.625	0.625	0.875	0.875	0.25	0.75	270	0.625	0.69	0.875	72.2	0.3	−12.1	12.1	271.7	0.171	0.131	0.0	0.256	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
458	458$_{de}$	0.625	0.625	1.0	1.0	0.375	0.812	270	0.625	0.722	1.0	73.8	0.5	−18.2	18.2	271.7	0.271	0.212	0.0	0.112	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
459	459$_{de}$	0.625	0.75	0.0	0.75	0.75	0.375	99	0.606	0.75	0.0	74.4	−14.9	65.7	67.4	102.7	0.111	0.0	0.882	0.296	100	0.808	1.0	0.0	91.3	−19.9	87.6	89.8	102.7
460	460$_{de}$	0.625	0.75	0.125	0.75	0.625	0.437	101	0.585	0.75	0.125	73.5	−14.2	52.6	54.5	105.1	0.1	0.0	0.724	0.326	104	0.736	1.0	0.0	89.0	−22.7	84.1	87.2	105.1
461	461$_{de}$	0.625	0.75	0.25	0.75	0.5	0.5	104	0.598	0.75	0.25	72.8	−13.2	39.2	41.4	108.6	0.096	0.0	0.6	0.343	107	0.697	1.0	0.0	85.8	−26.4	78.5	82.9	108.6
462	462$_{de}$	0.625	0.75	0.375	0.75	0.375	0.562	109	0.611	0.75	0.375	72.0	−11.7	25.8	28.4	114.4	0.11	0.0	0.457	0.346	111	0.631	1.0	0.0	80.4	−31.3	68.9	75.7	114.4
463	463$_{de}$	0.625	0.75	0.5	0.75	0.25	0.625	120	0.625	0.75	0.5	71.6	−10.4	13.7	17.2	127.2	0.133	0.0	0.324	0.345	119	0.5	1.0	0.0	71.0	−41.7	54.8	68.9	127.2
464	464$_{de}$	0.625	0.75	0.625	0.75	0.125	0.687	150	0.625	0.75	0.643	72.5	−8.2	2.6	8.6	162.2	0.143	0.0	0.176	0.329	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
465	465$_{de}$	0.625	0.75	0.75	0.75	0.125	0.687	210	0.625	0.75	0.723	72.7	−4.8	−3.6	6.0	216.9	0.108	0.0	0.053	0.338	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9
466	466$_{de}$	0.625	0.75	0.875	0.875	0.25	0.75	240	0.625	0.796	0.875	75.8	−5.8	−12.1	13.4	244.3	0.189	0.037	0.0	0.249	227	0.0	0.686	1.0	51.7	−23.3	−48.6	53.9	244.3
467	467$_{de}$	0.625	0.75	1.0	1.0	0.375	0.812	251	0.625	0.815	1.0	77.3	−5.1	−18.5	19.2	254.3	0.292	0.153	0.0	0.072	239	0.0	0.508	1.0	46.4	−13.8	−49.4	51.3	254.3
468	468$_{de}$	0.625	0.875	0.0	0.875	0.875	0.437	106	0.587	0.875	0.0	76.1	−25.0	65.4	70.0	110.9	0.319	0.0	0.938	0.157	108	0.67	1.0	0.0	83.6	−28.6	74.7	80.0	110.9
469	469$_{de}$	0.625	0.875	0.125	0.875	0.75	0.5	109	0.598	0.875	0.125	75.2	−23.5	51.7	56.8	114.4	0.296	0.0	0.777	0.196	111	0.631	1.0	0.0	80.4	−31.3	68.9	75.7	114.4
470	470$_{de}$	0.625	0.875	0.25	0.875	0.625	0.562	113	0.614	0.875	0.25	75.0	−22.1	39.8	45.6	119.1	0.286	0.0	0.685	0.205	114	0.583	1.0	0.0	76.9	−35.5	63.7	73.0	119.1
471	471$_{de}$	0.625	0.875	0.375	0.875	0.5	0.625	120	0.625	0.875	0.375	74.4	−20.8	27.4	34.4	127.2	0.279	0.0	0.555	0.219	119	0.5	1.0	0.0	71.0	−41.7	54.8	68.9	127.2
472	472$_{de}$	0.625	0.875	0.5	0.875	0.375	0.687	131	0.615	0.875	0.5	74.6	−19.8	16.5	25.8	140.0	0.292	0.0	0.432	0.21	132	0.308	1.0	0.0	63.4	−52.8	44.2	68.9	140.0
473	473$_{de}$	0.625	0.875	0.625	0.875	0.25	0.75	150	0.625	0.875	0.661	76.3	−16.4	5.2	17.3	162.2	0.284	0.0	0.28	0.201	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
474	474$_{de}$	0.625	0.875	0.75	0.875	0.25	0.75	180	0.625	0.875	0.749	76.6	−12.9	−2.1	13.0	189.6	0.249	0.0	0.169	0.222	179	0.0	1.0	0.497	55.0	−51.6	−8.7	52.3	189.6
475	475$_{de}$	0.625	0.875	0.875	0.875	0.25	0.75	210	0.625	0.875	0.822	76.6	−9.6	−7.2	12.1	216.9	0.204	0.0	0.073	0.249	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9
476	476$_{de}$	0.625	0.875	1.0	1.0	0.375	0.812	229	0.625	1.0	0.997	79.8	−11.4	−15.9	19.6	234.3	0.274	0.0	0.002	0.152	209	0.0	1.0	0.992	53.2	−30.5	−42.5	52.3	234.3
477	477$_{de}$	0.625	1.0	0.0	1.0	1.0	0.5	112	0.595	1.0	0.0	77.7	−34.4	64.9	73.5	117.9	0.403	0.0	1.0	0.0	113	0.595	1.0	0.0	77.7	−34.4	64.9	73.5	117.9
478	478$_{de}$	0.625	1.0	0.125	1.0	0.875	0.562	115	0.614	1.0	0.125	77.8	−32.7	53.6	62.8	121.4	0.408	0.0	0.818	0.013	116	0.559	1.0	0.0	75.2	−37.4	61.2	71.8	121.4
479	479$_{de}$	0.625	1.0	0.25	1.0	0.75	0.625	120	0.625	1.0	0.25	77.2	−31.3	41.1	51.7	127.2	0.394	0.0	0.709	0.025	119	0.5	1.0	0.0	71.0	−41.7	54.8	68.9	127.2
480	480$_{de}$	0.625	1.0	0.375	1.0	0.625	0.687	127	0.603	1.0	0.375	77.3	−30.1	29.7	42.3	135.4	0.387	0.0	0.61	0.012	128	0.366	1.0	0.0	66.1	−48.2	47.5	67.7	135.4
481	481$_{de}$	0.625	1.0	0.5	1.0	0.5	0.75	136	0.613	1.0	0.5	77.9	−29.1	19.6	35.1	145.9	0.406	0.0	0.515	0.0	137	0.227	1.0	0.0	59.9	−58.2	39.3	70.2	145.9
482	482$_{de}$	0.625	1.0	0.625	1.0	0.375	0.812	150	0.625	1.0	0.68	80.0	−24.7	7.9	25.9	162.2	0.407	0.0	0.376	0.0	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
483	483$_{de}$	0.625	1.0	0.75	1.0	0.375	0.812	169	0.625	1.0	0.763	80.4	−21.4	0.1	21.4	179.5	0.407	0.0	0.25	0.0	171	0.0	1.0	0.37	54.7	−57.0	0.4	57.0	179.5
484	484$_{de}$	0.625	1.0	0.875	1.0	0.375	0.812	191	0.625	1.0	0.843	80.6	−17.5	−6.2	18.6	199.6	0.385	0.0	0.198	0.011	185	0.0	1.0	0.583	55.2	−46.8	−16.7	49.7	199.6
485	485$_{de}$	0.625	1.0	1.0	1.0	0.375	0.812	210	0.625	1.0	0.921	80.5	−14.5	−10.9	18.1	216.9	0.305	0.0	0.095	0.125	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9

delta

4−1131330−F0

PI490−7N, 14/22−F

vedi file simili: http://farbe.li.tu-berlin.de/PI49/PI49.HTM
informazioni tecniche: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

iscrizione TUB: 20160501-PI49/PI49L0FA.TXT /.PS
Applicatione per la misura dell'output output della stampante laser, separazione cmyn6* (CMYK)
TUB materiale: code=rha4ta

Grafico TUB-PI49; grafico per il test colori e la differenza, $\Delta E'^*$, 3D=1, de=1, *cmyk**

Input: *rgb/cmyk* −> *rgb*$_{de}$
Output: 3D-linearizzazione a *cmyk**$_{de}$

n	HIC*$_{Fde}$	*rgb*$_{Fde}$			*ict*$_{Fde}$			*h*$_{si_F,de}$	*rgb**$_{Fde}$			*LabCh**$_{Fde}$					*cmyn**$_{sep,Fde}$				*h*$_{siM,de}$	*rgb**$_{Mde}$			*LabCh**$_{Mde}$				
486	486$_{de}$	0.75	0.0	0.0	0.75	0.75	0.375	390	0.75	0.0	0.197	41.6	42.0	20.0	46.5	25.4	0.0	0.884	0.66	0.266	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
487	487$_{de}$	0.75	0.0	0.125	0.75	0.75	0.375	381	0.75	0.0	0.317	41.6	43.3	11.9	45.0	15.4	0.0	0.882	0.516	0.264	365	1.0	0.0	0.423	47.5	57.8	15.9	60.0	15.4
488	488$_{de}$	0.75	0.0	0.25	0.75	0.75	0.375	371	0.75	0.0	0.441	41.9	45.8	3.4	45.9	4.3	0.0	0.875	0.373	0.265	354	1.0	0.0	0.588	47.9	61.1	4.6	61.2	4.3
489	489$_{de}$	0.75	0.0	0.375	0.75	0.75	0.375	360	0.75	0.0	0.62	43.0	49.1	−6.8	49.6	352.0	0.0	0.858	0.177	0.264	339	1.0	0.0	0.827	49.4	65.5	−9.1	66.2	352.0
490	490$_{de}$	0.75	0.0	0.5	0.75	0.75	0.375	349	0.706	0.0	0.75	41.2	47.2	−11.2	48.5	346.6	0.0	0.853	0.079	0.341	327	0.941	0.0	1.0	47.0	63.0	−14.9	64.7	346.6
491	491$_{de}$	0.75	0.0	0.625	0.75	0.75	0.375	339	0.543	0.0	0.75	36.9	40.4	−17.0	43.8	337.1	0.171	0.854	0.0	0.407	314	0.725	0.0	1.0	41.3	53.8	−22.7	58.4	337.1
492	492$_{de}$	0.75	0.0	0.75	0.75	0.75	0.375	330	0.438	0.0	0.75	34.8	35.0	−21.4	41.0	328.6	0.3	0.849	0.0	0.407	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
493	493$_{de}$	0.75	0.0	0.875	0.875	0.875	0.437	322	0.383	0.0	0.875	34.2	35.7	−28.8	45.9	321.0	0.463	0.917	0.0	0.278	295	0.438	0.0	1.0	35.7	40.8	−33.0	52.4	321.0
494	494$_{de}$	0.75	0.0	1.0	1.0	1.0	0.5	316	0.347	0.0	1.0	33.5	36.5	−36.1	51.4	315.3	0.65	1.0	0.0	0.0	289	0.347	0.0	1.0	33.5	36.5	−36.1	51.4	315.3
495	495$_{de}$	0.75	0.125	0.0	0.75	0.75	0.375	39	0.75	0.021	0.0	42.4	42.5	30.3	52.2	35.5	0.0	0.873	0.855	0.25	31	1.0	0.028	0.0	48.6	56.7	40.4	69.6	35.5
496	496$_{de}$	0.75	0.125	0.125	0.75	0.625	0.437	390	0.75	0.125	0.289	47.6	35.0	16.7	38.8	25.4	0.0	0.745	0.508	0.25	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
497	497$_{de}$	0.75	0.125	0.25	0.75	0.625	0.437	379	0.75	0.125	0.409	47.7	36.4	8.5	37.4	13.2	0.0	0.738	0.383	0.262	362	1.0	0.0	0.454	47.6	58.3	13.7	59.9	13.2
498	498$_{de}$	0.75	0.125	0.375	0.75	0.625	0.437	367	0.75	0.125	0.537	48.1	39.1	0.0	39.1	359.8	0.0	0.734	0.246	0.268	349	1.0	0.0	0.659	48.3	62.6	−0.1	62.6	359.8
499	499$_{de}$	0.75	0.125	0.5	0.75	0.625	0.437	353	0.75	0.125	0.687	48.7	41.2	−6.9	41.8	350.4	0.0	0.726	0.124	0.276	335	1.0	0.0	0.899	49.2	66.0	−11.1	66.9	350.4
500	500$_{de}$	0.75	0.125	0.625	0.75	0.625	0.437	341	0.598	0.125	0.75	44.2	34.6	−13.2	37.1	339.0	0.058	0.678	0.0	0.416	316	0.756	0.0	1.0	42.1	55.4	−21.2	59.3	339.0
501	501$_{de}$	0.75	0.125	0.75	0.75	0.625	0.437	330	0.49	0.125	0.75	42.0	29.2	−17.8	34.2	328.6	0.206	0.674	0.0	0.413	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
502	502$_{de}$	0.75	0.125	0.875	0.875	0.75	0.5	321	0.441	0.125	0.875	41.4	30.0	−25.1	39.2	320.0	0.38	0.769	0.0	0.273	294	0.421	0.0	1.0	35.3	40.1	−33.5	52.3	320.0
503	503$_{de}$	0.75	0.125	1.0	1.0	0.875	0.562	314	0.407	0.125	1.0	40.7	30.7	−32.4	44.6	313.4	0.479	0.768	0.0	0.157	288	0.322	0.0	1.0	32.9	35.0	−37.0	51.0	313.4
504	504$_{de}$	0.75	0.25	0.0	0.75	0.75	0.375	49	0.75	0.132	0.0	46.9	36.8	39.0	53.7	46.6	0.0	0.755	0.897	0.25	39	1.0	0.177	0.0	54.6	49.1	52.0	71.6	46.6
505	505$_{de}$	0.75	0.25	0.125	0.75	0.625	0.437	41	0.75	0.163	0.125	49.0	35.0	27.1	44.3	37.7	0.0	0.75	0.683	0.226	33	1.0	0.06	0.0	49.7	56.0	43.3	70.8	37.7
506	506$_{de}$	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.381	53.7	28.0	13.3	31.0	25.4	0.0	0.618	0.428	0.251	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
507	507$_{de}$	0.75	0.25	0.375	0.75	0.5	0.5	376	0.75	0.25	0.5	53.8	29.5	5.1	29.9	9.8	0.0	0.623	0.305	0.26	359	1.0	0.0	0.501	47.8	59.0	10.2	59.9	9.8
508	508$_{de}$	0.75	0.25	0.5	0.75	0.5	0.5	360	0.75	0.25	0.663	54.6	32.7	−4.5	33.1	352.0	0.0	0.613	0.153	0.264	339	1.0	0.0	0.827	49.4	65.5	−9.1	66.2	352.0
509	509$_{de}$	0.75	0.25	0.625	0.75	0.5	0.5	344	0.662	0.25	0.75	52.0	29.1	−9.5	30.6	341.8	0.0	0.561	0.051	0.38	320	0.825	0.0	1.0	44.1	58.2	−19.0	61.2	341.8
510	510$_{de}$	0.75	0.25	0.75	0.75	0.5	0.5	330	0.542	0.25	0.75	49.1	23.3	−14.2	27.3	328.6	0.122	0.504	0.0	0.411	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
511	511$_{de}$	0.75	0.25	0.875	0.875	0.625	0.562	319	0.492	0.25	0.875	48.5	24.2	−21.6	32.4	318.1	0.294	0.609	0.0	0.266	292	0.387	0.0	1.0	34.5	38.7	−34.6	51.9	318.1
512	512$_{de}$	0.75	0.25	1.0	1.0	0.75	0.625	311	0.464	0.25	1.0	47.9	24.6	−28.7	37.8	310.5	0.387	0.626	0.0	0.17	286	0.285	0.0	1.0	31.9	32.8	−38.2	50.4	310.5
513	513$_{de}$	0.75	0.375	0.0	0.75	0.75	0.375	60	0.75	0.239	0.0	52.3	26.4	43.8	51.1	58.8	0.0	0.632	0.893	0.249	48	1.0	0.319	0.0	61.8	35.2	58.4	68.2	58.8
514	514$_{de}$	0.75	0.375	0.125	0.75	0.625	0.437	53	0.75	0.268	0.125	53.7	27.4	34.0	43.6	51.0	0.0	0.635	0.74	0.226	42	1.0	0.229	0.0	57.2	43.9	54.4	69.9	51.0
515	515$_{de}$	0.75	0.375	0.25	0.75	0.5	0.5	44	0.75	0.304	0.25	55.6	27.4	23.8	36.3	41.0	0.0	0.617	0.579	0.212	35	1.0	0.108	0.0	51.4	54.8	47.7	72.6	41.0
516	516$_{de}$	0.75	0.375	0.375	0.75	0.375	0.562	390	0.75	0.375	0.473	59.7	21.0	10.0	23.2	25.4	0.0	0.501	0.337	0.244	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
517	517$_{de}$	0.75	0.375	0.5	0.75	0.375	0.562	371	0.75	0.375	0.595	59.8	22.9	1.7	22.9	4.3	0.0	0.489	0.219	0.255	354	1.0	0.0	0.588	47.9	61.1	4.6	61.2	4.3
518	518$_{de}$	0.75	0.375	0.625	0.75	0.375	0.562	349	0.728	0.375	0.75	59.5	23.6	−5.6	24.2	346.6	0.0	0.462	0.092	0.296	327	0.941	0.0	1.0	47.0	63.0	−14.9	64.7	346.6
519	519$_{de}$	0.75	0.375	0.75	0.75	0.375	0.562	330	0.594	0.375	0.75	56.3	17.5	−10.7	20.5	328.6	0.052	0.373	0.0	0.401	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
520	520$_{de}$	0.75	0.375	0.875	0.875	0.5	0.625	316	0.548	0.375	0.875	55.6	18.2	−18.0	25.7	315.3	0.231	0.476	0.0	0.26	289	0.347	0.0	1.0	33.5	36.5	−36.1	51.4	315.3
521	521$_{de}$	0.75	0.375	1.0	1.0	0.625	0.687	307	0.522	0.375	1.0	55.3	18.6	−24.8	31.0	306.8	0.333	0.506	0.0	0.171	283	0.235	0.0	1.0	31.0	29.7	−39.7	49.6	306.8
522	522$_{de}$	0.75	0.5	0.0	0.75	0.75	0.375	71	0.75	0.35	0.0	57.6	16.6	48.6	51.4	71.1	0.0	0.483	0.872	0.249	57	1.0	0.466	0.0	68.9	22.1	64.9	68.5	71.1
523	523$_{de}$	0.75	0.5	0.125	0.75	0.625	0.437	67	0.75	0.382	0.125	59.4	16.7	38.9	42.4	66.6	0.0	0.473	0.731	0.236	54	1.0	0.411	0.0	66.3	26.8	62.3	67.8	66.6
524	524$_{de}$	0.75	0.5	0.25	0.75	0.5	0.5	60	0.75	0.409	0.25	60.8	17.6	29.2	34.1	58.8	0.0	0.476	0.613	0.22	48	1.0	0.319	0.0	61.8	35.2	58.4	68.2	58.8
525	525$_{de}$	0.75	0.5	0.375	0.75	0.375	0.562	49	0.75	0.441	0.375	62.3	18.4	19.5	26.8	46.6	0.0	0.468	0.462	0.213	39	1.0	0.177	0.0	54.6	49.1	52.0	71.6	46.6
526	526$_{de}$	0.75	0.5	0.5	0.75	0.25	0.625	390	0.75	0.5	0.565	65.7	14.0	6.6	15.5	25.4	0.0	0.348	0.249	0.256	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
527	527$_{de}$	0.75	0.5	0.625	0.75	0.25	0.625	360	0.75	0.5	0.706	66.2	16.3	−2.2	16.5	352.0	0.0	0.328	0.107	0.263	339	1.0	0.0	0.827	49.4	65.5	−9.1	66.2	352.0
528	528$_{de}$	0.75	0.5	0.75	0.75	0.25	0.625	330	0.646	0.5	0.75	63.5	11.6	−7.1	13.6	328.6	0.0	0.232	0.001	0.39	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
529	529$_{de}$	0.75	0.5	0.875	0.875	0.375	0.687	311	0.607	0.5	0.875	62.8	12.3	−14.3	18.9	310.5	0.171	0.329	0.0	0.266	286	0.285	0.0	1.0	31.9	32.8	−38.2	50.4	310.5
530	530$_{de}$	0.75	0.5	1.0	1.0	0.5	0.75	300	0.569	0.5	1.0	63.6	12.2	−20.9	24.2	300.1	0.281	0.372	0.0	0.167	277	0.138	0.0	1.0	31.5	24.4	−41.9	48.5	300.1
531	531$_{de}$	0.75	0.625	0.0	0.75	0.75	0.375	81	0.75	0.481	0.0	62.9	7.2	53.8	54.3	82.2	0.0	0.348	0.853	0.261	69	1.0	0.642	0.0	76.0	9.7	71.7	72.4	82.2
532	532$_{de}$	0.75	0.625	0.125	0.75	0.625	0.437	79	0.75	0.507	0.125	64.4	7.7	43.9	44.6	80.0	0.0	0.343	0.722	0.253	67	1.0	0.611	0.0	74.4	12.3	70.3	71.3	80.0
533	533$_{de}$	0.75	0.625	0.25	0.75	0.5	0.5	76	0.75	0.525	0.25	66.0	8.0	34.1	35.0	76.7	0.0	0.336	0.619	0.238	63	1.0	0.551	0.0	72.3	16.1	68.2	70.1	76.7
534	534$_{de}$	0.75	0.625	0.375	0.75	0.375	0.562	71	0.75	0.55	0.375	67.7	8.3	24.3	25.7	71.1	0.0	0.31	0.467	0.236	57	1.0	0.466	0.0	68.9	22.1	64.9	68.5	71.1
535	535$_{de}$	0.75	0.625	0.5	0.75	0.25	0.625	60	0.75	0.579	0.5	69.3	8.8	14.6	17.0	58.8	0.0	0.29	0.329	0.241	48	1.0	0.319	0.0	61.8	35.2	58.4	68.2	58.8
536	536$_{de}$	0.75	0.625	0.625	0.75	0.125	0.687	390	0.75	0.625	0.657	71.8	7.0	3.3	7.7	25.4	0.0	0.185	0.15	0.277	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
537	537$_{de}$	0.75	0.625	0.75	0.75	0.125	0.687	330	0.698	0.625	0.75	70.6	5.8	−3.5	6.8	328.6	0.0	0.119	0.01	0.336	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
538	538$_{de}$	0.75	0.625	0.875	0.875	0.25	0.75	300	0.659	0.625	0.875	70.7	6.1	−10.4	12.1	300.1	0.113	0.188	0.0	0.26	277	0.138	0.0	1.0	31.5	24.4	−41.9	48.5	300.1
539	539$_{de}$	0.75	0.625	1.0	1.0	0.375	0.812	289	0.625	0.63	1.0	72.2	6.0	−16.8	17.8	289.7	0.225	0.26	0.0	0.137	269	0.0	0.014	1.0	32.8	16.1	−44.8	47.6	289.7
540	540$_{de}$	0.75	0.75	0.0	0.75	0.75	0.375	90	0.75	0.576	0.0	68.7	−2.3	57.6	57.6	92.3	0.0	0.2	0.811	0.294	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
541	541$_{de}$	0.75	0.75	0.125	0.75	0.625	0.437	90	0.75	0.605	0.125	70.2	−1.9	48.0	48.0	92.3	0.0	0.196	0.701	0.287	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
542	542$_{de}$	0.75	0.75	0.25	0.75	0.5	0.5	90	0.75	0.634	0.25	71.7	−1.5	38.4	38.4	92.3	0.0	0.187	0.598	0.276	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
543	543$_{de}$	0.75	0.75	0.375	0.75	0.375	0.562	90	0.75	0.663	0.375	73.2	−1.1	28.8	28.8	92.3	0.0	0.157	0.453	0.272	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
544	544$_{de}$	0.75	0.75	0.5	0.75	0.25	0.625	90	0.75	0.692	0.5	74.7	−0.7	19.2	19.2	92.3	0.0	0.116	0.325	0.28	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
545	545$_{de}$	0.75	0.75	0.625	0.75	0.125	0.687	90	0.75	0.721	0.625	76.3	−0.3	9.6	9.6	92.3	0.0	0.066	0.186	0.285	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
546	546$_{de}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	77.8	0.0	0.0	0.0	0.0	0.0	0.015	0.029	0.286	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
547	547$_{de}$	0.75	0.75	0.875	0.875	0.125	0.812	270	0.75	0.782	0.875	79.5	0.1	−6.0	6.0	271.7	0.083	0.073	0.0	0.201	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
548	548$_{de}$	0.75	0.75	1.0	1.0	0.25	0.875	270	0.75	0.815	1.0	81.2	0.3	−12.1	12.1	271.7	0.178	0.169	0.0	0.075	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
549	549$_{de}$	0.75	0.875	0.0	0.875	0.875	0.437	98	0.758	0.875	0.0	84.0	−16.0	78.0	79.7	101.6	0.095	0.0	0.91	0.187	97	0.867	1.0	0.0	92.6	−18.3	89.2	91.0	101.6
550	550$_{de}$	0.75	0.875	0.125	0.875	0.75	0.5	99	0.731	0.875	0.125	83.4	−14.9	65.7	67.4	102.7	0.086	0.0	0.767	0.184	100	0.808	1.0	0.0	91.3	−19.9	87.6	89.8	102.7
551	551$_{de}$	0.75	0.875	0.25	0.875	0.625	0.562	101	0.71	0.875	0.25	82.5	−14.2	52.6	54.5	105.1	0.09	0.0	0.68	0.198	104	0.736	1.0	0.0	89.0	−22.7	84.1	87.2	105.1
552	552$_{de}$	0.75	0.875	0.375	0.875	0.5	0.625	104	0.723	0.875	0.375	81.8	−13.2	39.2	41.4	108.6	0.095	0.0	0.522	0.204	107	0.697	1.0	0.0	85.8	−26.4	78.5	82.9	108.6
553	553$_{de}$	0.75	0.875	0.5	0.875	0.375	0.687	109	0.736	0.875	0.5	81.0	−11.7	25.8	28.4	114.4	0.106	0.0	0.384	0.216	111	0.631	1.0	0.0	80.4	−31.3	68.9	75.7	114.4
554	554$_{de}$	0.75	0.875	0.625	0.875	0.25	0.75	120	0.75	0.875	0.625	80.6	−10.4	13.7	17.2	127.2	0.131	0.0	0.268	0.215	119	0.5	1.0	0.0	71.0	−41.7	54.8	68.9	127.2
555	555$_{de}$	0.75	0.875	0.75	0.875	0.125	0.812	150	0.75	0.875	0.768	81.5	−8.2	2.6	8.6	162.2	0.138	0.0	0.135	0.196	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
556	556$_{de}$	0.75	0.875	0.875	0.875	0.125	0.812	210	0.75	0.875	0.848	81.7	−4.8	−3.6	6.0	216.9	0.098	0.0	0.024	0.205	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9
557	557$_{de}$	0.75	0.875	1.0	1.0	0.25	0.875	240	0.75	0.921	1.0	84.8	−5.8	−12.1	13.4	244.3	0.205	0.095	0.0	0.054	227	0.0	0.686	1.0	51.7	−23.3	−48.6	53.9	244.3
558	558$_{de}$	0.75	1.0	0.0	1.0	1.0	0.5	104	0.697	1.0	0.0	85.8	−26.4	78.5	82.9	108.6	0.304	0.0	1.0	0.0	107	0.697	1.0	0.0	85.8	−26.4	78.5	82.9	108.6
559	559$_{de}$	0.75	1.0	0.125	1.0	0.875	0.562	106	0.712	1.0	0.125	85.1	−25.0	65.4	70.0	110.9	0.292	0.0	0.817	0.01	108	0.67	1.0	0.0	83.6	−28.6	74.7	80.0	110.9
560	560$_{de}$	0.75	1.0	0.25	1.0	0.75	0.625	109	0.723	1.0	0.25	84.2	−23.5	51.7	56.8	114.4	0.269	0.0	0.695	0.033	111	0.631	1.0	0.0	80.4	−31.3	68.9	75.7	114.4
561	561$_{de}$	0.75	1.0	0.375	1.0	0.625	0.687	113	0.739	1.0	0.375	84.0	−22.1	39.8	45.6	119.1	0.257	0.0	0.562	0.039	114	0.583	1.0	0.0	76.9	−35.5	63.7	73.0	119.1
562	562$_{de}$	0.75	1.0	0.5	1.0	0.5	0.75	120	0.75	1.0	0.5	83.4	−20.8	27.4	34.4	127.2	0.269	0.0	0.458	0.046	119	0.5	1.0	0.0	71.0	−41.7	54.8	68.9	127.2
563	563$_{de}$	0.75	1.0	0.625	1.0	0.375	0.812	131	0.74	1.0	0.625	83.6	−19.8	16.5	25.8	140.0	0.307	0.0	0.375	0.019	132	0.308	1.0	0.0	63.4	−52.8	44.2	68.9	140.0
564	564$_{de}$	0.75	1.0	0.75	1.0	0.25	0.875	150	0.75	1.0	0.786	85.3	−16.4	5.2	17.3	162.2	0.311	0.0	0.25	0.0	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
565	565$_{de}$	0.75	1.0	0.875	1.0	0.25	0.875	180	0.75	1.0	0.874	85.6	−12.9	−2.1	13.0	189.6	0.267	0.0	0.147	0.018	179	0.0	1.0	0.497	55.0	−51.6	−8.7	52.3	189.6
566	566$_{de}$	0.75	1.0	1.0	1.0	0.25	0.875	210	0.75	1.0	0.947	85.6	−9.6	−7.2	12.1	216.9	0.201	0.0	0.061	0.087	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9

delta

4−1131430−F0

PI490−7N, 15/22−F

Grafico TUB-PI49; grafico per il test colori e la differenza, $\Delta E'^*$, 3D=1, de=1, *cmyk**

Input: *rgb/cmyk* −> *rgb*$_{de}$
Output: 3D-linearizzazione a *cmyk**$_{de}$

vedi file simili: http://farbe.li.tu-berlin.de/PI49/PI49.HTM
informazioni tecniche: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

iscrizione TUB: 20160501-PI49/PI49L0FA.TXT /.PS
Applicatione per la misura dell'output output della stampante laser, separazione cmyn6* (CMYK)
TUB materiale: code=rha4ta

n	HIC*$_{Fde}$	*rgb*$_{Fde}$			*ict*$_{Fde}$			h_{si_Fde}	*rgb**$_{Fde}$			*LabCh**$_{Fde}$					*cmyn**$_{sep,Fde}$				$h_{siM,de}$	*rgb**$_{Mde}$			*LabCh**$_{Mde}$				
567	567$_{de}$	0.875	0.0	0.0	0.875	0.875	0.437	390	0.875	0.0	0.23	44.5	49.0	23.3	54.3	25.4	0.0	0.928	0.7	0.147	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
568	568$_{de}$	0.875	0.0	0.125	0.875	0.875	0.437	382	0.875	0.0	0.357	44.5	50.3	14.9	52.5	16.5	0.0	0.927	0.568	0.148	366	1.0	0.0	0.408	47.5	57.5	17.1	60.0	16.5
569	569$_{de}$	0.875	0.0	0.25	0.875	0.875	0.437	374	0.875	0.0	0.469	44.8	52.4	7.0	52.9	7.6	0.0	0.923	0.446	0.148	357	1.0	0.0	0.536	47.8	59.9	8.0	60.4	7.6
570	570$_{de}$	0.875	0.0	0.375	0.875	0.875	0.437	365	0.875	0.0	0.608	45.6	55.5	−2.2	55.6	357.6	0.0	0.905	0.289	0.151	347	1.0	0.0	0.695	48.7	63.4	−2.6	63.5	357.6
571	571$_{de}$	0.875	0.0	0.5	0.875	0.875	0.437	355	0.875	0.0	0.716	46.2	57.2	−7.7	57.8	352.3	0.0	0.905	0.196	0.149	339	1.0	0.0	0.818	49.4	65.4	−8.8	66.0	352.3
572	572$_{de}$	0.875	0.0	0.625	0.875	0.875	0.437	346	0.762	0.0	0.875	42.8	52.5	−15.2	54.6	343.7	0.0	0.903	0.004	0.25	323	0.87	0.0	1.0	45.5	60.0	−17.4	62.5	343.7
573	573$_{de}$	0.875	0.0	0.75	0.875	0.875	0.437	338	0.621	0.0	0.875	38.8	46.4	−20.5	50.8	336.1	0.193	0.918	0.0	0.271	313	0.71	0.0	1.0	41.0	53.1	−23.4	58.0	336.1
574	574$_{de}$	0.875	0.0	0.875	0.875	0.875	0.437	330	0.511	0.0	0.875	36.6	40.9	−24.9	47.9	328.6	0.333	0.921	0.0	0.263	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
575	575$_{de}$	0.875	0.0	1.0	1.0	1.0	0.5	323	0.455	0.0	1.0	36.1	41.4	−32.4	52.6	321.9	0.542	1.0	0.0	0.0	297	0.455	0.0	1.0	36.1	41.4	−32.4	52.6	321.9
576	576$_{de}$	0.875	0.125	0.0	0.875	0.875	0.437	38	0.875	0.011	0.0	45.0	49.8	34.1	60.4	34.3	0.0	0.93	0.924	0.141	30	1.0	0.012	0.0	48.0	57.0	39.0	69.1	34.3
577	577$_{de}$	0.875	0.125	0.125	0.875	0.75	0.5	390	0.875	0.125	0.322	50.6	42.0	20.0	46.5	25.4	0.0	0.778	0.527	0.16	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
578	578$_{de}$	0.875	0.125	0.25	0.875	0.75	0.5	381	0.875	0.125	0.442	50.6	43.3	11.9	45.0	15.4	0.0	0.774	0.416	0.167	365	1.0	0.0	0.423	47.5	57.8	15.9	60.0	15.4
579	579$_{de}$	0.875	0.125	0.375	0.875	0.75	0.5	371	0.875	0.125	0.566	50.9	45.8	3.4	45.9	4.3	0.0	0.769	0.298	0.17	354	1.0	0.0	0.588	47.9	61.1	4.6	61.2	4.3
580	580$_{de}$	0.875	0.125	0.5	0.875	0.75	0.5	360	0.875	0.125	0.745	52.0	49.1	−6.8	49.6	352.0	0.0	0.764	0.148	0.163	339	1.0	0.0	0.827	49.4	65.5	−9.1	66.2	352.0
581	581$_{de}$	0.875	0.125	0.625	0.875	0.75	0.5	349	0.831	0.125	0.875	50.2	47.2	−11.2	48.5	346.6	0.0	0.756	0.054	0.215	327	0.941	0.0	1.0	47.0	63.0	−14.9	64.7	346.6
582	582$_{de}$	0.875	0.125	0.75	0.875	0.75	0.5	339	0.668	0.125	0.875	45.9	40.4	−17.0	43.8	337.1	0.15	0.761	0.0	0.271	314	0.725	0.0	1.0	41.3	53.8	−22.7	58.4	337.1
583	583$_{de}$	0.875	0.125	0.875	0.875	0.75	0.5	330	0.563	0.125	0.875	43.8	35.0	−21.4	41.0	328.6	0.279	0.757	0.0	0.262	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
584	584$_{de}$	0.875	0.125	1.0	1.0	0.875	0.562	322	0.508	0.125	1.0	43.2	35.7	−28.8	45.9	321.0	0.378	0.76	0.0	0.149	295	0.438	0.0	1.0	35.7	40.8	−33.0	52.4	321.0
585	585$_{de}$	0.875	0.25	0.0	0.875	0.875	0.437	46	0.875	0.12	0.0	49.0	46.4	43.7	63.7	43.3	0.0	0.819	0.929	0.156	37	1.0	0.138	0.0	52.6	53.0	49.9	72.8	43.3
586	586$_{de}$	0.875	0.25	0.125	0.875	0.75	0.5	39	0.875	0.146	0.125	51.4	42.5	30.3	52.2	35.5	0.0	0.792	0.693	0.141	31	1.0	0.028	0.0	48.6	56.7	40.4	69.6	35.5
587	587$_{de}$	0.875	0.25	0.25	0.875	0.625	0.562	390	0.875	0.25	0.414	56.6	35.0	16.7	38.8	25.4	0.0	0.673	0.446	0.144	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
588	588$_{de}$	0.875	0.25	0.375	0.875	0.625	0.562	379	0.875	0.25	0.534	56.7	36.4	8.5	37.4	13.2	0.0	0.667	0.339	0.153	362	1.0	0.0	0.454	47.6	58.3	13.7	59.9	13.2
589	589$_{de}$	0.875	0.25	0.5	0.875	0.625	0.562	367	0.875	0.25	0.662	57.1	39.1	0.0	39.1	359.8	0.0	0.664	0.224	0.154	349	1.0	0.0	0.659	48.3	62.6	−0.1	62.6	359.8
590	590$_{de}$	0.875	0.25	0.625	0.875	0.625	0.562	353	0.875	0.25	0.812	57.7	41.2	−6.9	41.8	350.4	0.0	0.657	0.12	0.156	335	1.0	0.0	0.899	49.2	66.0	−11.1	66.9	350.4
591	591$_{de}$	0.875	0.25	0.75	0.875	0.625	0.562	341	0.723	0.25	0.875	53.2	34.6	−13.2	37.1	339.0	0.06	0.635	0.0	0.261	316	0.756	0.0	1.0	42.1	55.4	−21.2	59.3	339.0
592	592$_{de}$	0.875	0.25	0.875	0.875	0.625	0.562	330	0.615	0.25	0.875	51.0	29.2	−17.8	34.2	328.6	0.21	0.639	0.0	0.248	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
593	593$_{de}$	0.875	0.25	1.0	1.0	0.75	0.625	321	0.566	0.25	1.0	50.4	30.0	−25.1	39.2	320.0	0.313	0.646	0.0	0.154	294	0.421	0.0	1.0	35.3	40.1	−33.5	52.3	320.0
594	594$_{de}$	0.875	0.375	0.0	0.875	0.875	0.437	55	0.875	0.223	0.0	54.2	36.1	48.5	60.5	53.3	0.0	0.711	0.936	0.154	44	1.0	0.255	0.0	58.5	41.3	55.4	69.1	53.3
595	595$_{de}$	0.875	0.375	0.125	0.875	0.75	0.5	49	0.875	0.257	0.125	55.9	36.8	39.0	53.7	46.6	0.0	0.715	0.766	0.116	39	1.0	0.177	0.0	54.6	49.1	52.0	71.6	46.6
596	596$_{de}$	0.875	0.375	0.25	0.875	0.625	0.562	41	0.875	0.288	0.25	58.0	35.0	27.1	44.3	37.7	0.0	0.679	0.582	0.107	33	1.0	0.06	0.0	49.7	56.0	43.3	70.8	37.7
597	597$_{de}$	0.875	0.375	0.375	0.875	0.5	0.625	390	0.875	0.375	0.506	62.7	28.0	13.3	31.0	25.4	0.0	0.562	0.381	0.134	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
598	598$_{de}$	0.875	0.375	0.5	0.875	0.5	0.625	376	0.875	0.375	0.625	62.8	29.5	5.1	29.9	9.8	0.0	0.551	0.261	0.142	359	1.0	0.0	0.501	47.8	59.0	10.2	59.9	9.8
599	599$_{de}$	0.875	0.375	0.625	0.875	0.5	0.625	360	0.875	0.375	0.788	63.6	32.7	−4.5	33.1	352.0	0.0	0.536	0.133	0.143	339	1.0	0.0	0.827	49.4	65.5	−9.1	66.2	352.0
600	600$_{de}$	0.875	0.375	0.75	0.875	0.5	0.625	344	0.787	0.375	0.875	61.0	29.1	−9.5	30.6	341.8	0.0	0.493	0.021	0.23	320	0.825	0.0	1.0	44.1	58.2	−19.0	61.2	341.8
601	601$_{de}$	0.875	0.375	0.875	0.875	0.5	0.625	330	0.667	0.375	0.875	58.1	23.3	−14.2	27.3	328.6	0.138	0.494	0.0	0.246	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
602	602$_{de}$	0.875	0.375	1.0	1.0	0.625	0.687	319	0.617	0.375	1.0	57.5	24.2	−21.6	32.4	318.1	0.26	0.528	0.0	0.16	292	0.387	0.0	1.0	34.5	38.7	−34.6	51.9	318.1
603	603$_{de}$	0.875	0.5	0.0	0.875	0.875	0.437	65	0.875	0.336	0.0	59.9	25.4	53.2	59.0	64.4	0.0	0.579	0.932	0.154	52	1.0	0.384	0.0	65.0	29.0	60.9	67.5	64.4
604	604$_{de}$	0.875	0.5	0.125	0.875	0.75	0.5	60	0.875	0.364	0.125	61.3	26.4	43.8	51.1	58.8	0.0	0.578	0.783	0.12	48	1.0	0.319	0.0	61.8	35.2	58.4	68.2	58.8
605	605$_{de}$	0.875	0.5	0.25	0.875	0.625	0.562	53	0.875	0.393	0.25	62.7	27.4	34.0	43.6	51.0	0.0	0.583	0.65	0.095	42	1.0	0.229	0.0	57.2	43.9	54.4	69.9	51.0
606	606$_{de}$	0.875	0.5	0.375	0.875	0.5	0.625	44	0.875	0.429	0.375	64.6	27.4	23.8	36.3	41.0	0.0	0.56	0.503	0.084	35	1.0	0.108	0.0	51.4	54.8	47.7	72.6	41.0
607	607$_{de}$	0.875	0.5	0.5	0.875	0.375	0.687	390	0.875	0.5	0.598	68.7	21.0	10.0	23.2	25.4	0.0	0.433	0.28	0.129	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
608	608$_{de}$	0.875	0.5	0.625	0.875	0.375	0.687	371	0.875	0.5	0.72	68.8	22.9	1.7	22.9	4.3	0.0	0.417	0.18	0.144	354	1.0	0.0	0.588	47.9	61.1	4.6	61.2	4.3
609	609$_{de}$	0.875	0.5	0.75	0.875	0.375	0.687	349	0.853	0.5	0.875	68.5	23.6	−5.6	24.2	346.6	0.0	0.395	0.072	0.174	327	0.941	0.0	1.0	47.0	63.0	−14.9	64.7	346.6
610	610$_{de}$	0.875	0.5	0.875	0.875	0.375	0.687	330	0.719	0.5	0.875	65.3	17.5	−10.7	20.5	328.6	0.061	0.342	0.0	0.254	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
611	611$_{de}$	0.875	0.5	1.0	1.0	0.5	0.75	316	0.673	0.5	1.0	64.6	18.2	−18.0	25.7	315.3	0.207	0.407	0.0	0.157	289	0.347	0.0	1.0	33.5	36.5	−36.1	51.4	315.3
612	612$_{de}$	0.875	0.625	0.0	0.875	0.875	0.437	74	0.875	0.447	0.0	65.0	16.2	58.4	60.6	74.4	0.0	0.459	0.936	0.156	60	1.0	0.511	0.0	70.9	18.5	66.7	69.2	74.4
613	613$_{de}$	0.875	0.625	0.125	0.875	0.75	0.5	71	0.875	0.475	0.125	66.6	16.6	48.6	51.4	71.1	0.0	0.455	0.782	0.128	57	1.0	0.466	0.0	68.9	22.1	64.9	68.5	71.1
614	614$_{de}$	0.875	0.625	0.25	0.875	0.625	0.562	67	0.875	0.507	0.25	68.4	16.7	38.9	42.4	66.6	0.0	0.449	0.666	0.1	54	1.0	0.411	0.0	66.3	26.8	62.3	67.8	66.6
615	615$_{de}$	0.875	0.625	0.375	0.875	0.5	0.625	60	0.875	0.534	0.375	69.8	17.6	29.2	34.1	58.8	0.0	0.436	0.53	0.088	48	1.0	0.319	0.0	61.8	35.2	58.4	68.2	58.8
616	616$_{de}$	0.875	0.625	0.5	0.875	0.375	0.687	49	0.875	0.566	0.5	71.3	18.4	19.5	26.8	46.6	0.0	0.423	0.4	0.084	39	1.0	0.177	0.0	54.6	49.1	52.0	71.6	46.6
617	617$_{de}$	0.875	0.625	0.625	0.875	0.25	0.75	390	0.875	0.625	0.69	74.7	14.0	6.6	15.5	25.4	0.0	0.302	0.201	0.127	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
618	618$_{de}$	0.875	0.625	0.75	0.875	0.25	0.75	360	0.875	0.625	0.831	75.2	16.3	−2.2	16.5	352.0	0.0	0.289	0.085	0.134	339	1.0	0.0	0.827	49.4	65.5	−9.1	66.2	352.0
619	619$_{de}$	0.875	0.625	0.875	0.875	0.25	0.75	330	0.771	0.625	0.875	72.5	11.6	−7.1	13.6	328.6	0.009	0.212	0.0	0.249	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
620	620$_{de}$	0.875	0.625	1.0	1.0	0.375	0.812	311	0.732	0.625	1.0	71.8	12.3	−14.3	18.9	310.5	0.158	0.301	0.0	0.143	286	0.285	0.0	1.0	31.9	32.8	−38.2	50.4	310.5
621	621$_{de}$	0.875	0.75	0.0	0.875	0.875	0.437	82	0.875	0.573	0.0	70.2	7.3	63.4	63.8	83.4	0.0	0.34	0.916	0.164	70	1.0	0.655	0.0	76.8	8.3	72.4	72.9	83.4
622	622$_{de}$	0.875	0.75	0.125	0.875	0.75	0.5	81	0.875	0.606	0.125	71.9	7.2	53.8	54.3	82.2	0.0	0.334	0.773	0.143	69	1.0	0.642	0.0	76.0	9.7	71.7	72.4	82.2
623	623$_{de}$	0.875	0.75	0.25	0.875	0.625	0.562	79	0.875	0.632	0.25	73.4	7.7	43.9	44.6	80.0	0.0	0.338	0.684	0.118	67	1.0	0.611	0.0	74.4	12.3	70.3	71.3	80.0
624	624$_{de}$	0.875	0.75	0.375	0.875	0.5	0.625	76	0.875	0.65	0.375	75.0	8.0	34.1	35.0	76.7	0.0	0.308	0.538	0.105	63	1.0	0.551	0.0	72.3	16.1	68.2	70.1	76.7
625	625$_{de}$	0.875	0.75	0.5	0.875	0.375	0.687	71	0.875	0.675	0.5	76.7	8.3	24.3	25.7	71.1	0.0	0.284	0.41	0.102	57	1.0	0.466	0.0	68.9	22.1	64.9	68.5	71.1
626	626$_{de}$	0.875	0.75	0.625	0.875	0.25	0.75	60	0.875	0.704	0.625	78.3	8.8	14.6	17.0	58.8	0.0	0.251	0.272	0.107	48	1.0	0.319	0.0	61.8	35.2	58.4	68.2	58.8
627	627$_{de}$	0.875	0.75	0.75	0.875	0.125	0.812	390	0.875	0.75	0.782	80.8	7.0	3.3	7.7	25.4	0.0	0.161	0.121	0.139	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
628	628$_{de}$	0.875	0.75	0.875	0.875	0.125	0.812	330	0.823	0.75	0.875	79.6	5.8	−3.5	6.8	328.6	0.0	0.112	0.002	0.196	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
629	629$_{de}$	0.875	0.75	1.0	1.0	0.25	0.875	300	0.784	0.75	1.0	79.7	6.1	−10.4	12.1	300.1	0.114	0.195	0.0	0.104	277	0.138	0.0	1.0	31.5	24.4	−41.9	48.5	300.1
630	630$_{de}$	0.875	0.875	0.0	0.875	0.875	0.437	90	0.875	0.672	0.0	76.1	−2.7	67.2	67.2	92.3	0.0	0.194	0.844	0.192	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
631	631$_{de}$	0.875	0.875	0.125	0.875	0.75	0.5	90	0.875	0.701	0.125	77.7	−2.3	57.6	57.6	92.3	0.0	0.193	0.75	0.17	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
632	632$_{de}$	0.875	0.875	0.25	0.875	0.625	0.562	90	0.875	0.73	0.25	79.2	−1.9	48.0	48.0	92.3	0.0	0.189	0.664	0.15	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
633	633$_{de}$	0.875	0.875	0.375	0.875	0.5	0.625	90	0.875	0.759	0.375	80.7	−1.5	38.4	38.4	92.3	0.0	0.159	0.522	0.143	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
634	634$_{de}$	0.875	0.875	0.5	0.875	0.375	0.687	90	0.875	0.788	0.5	82.2	−1.1	28.8	28.8	92.3	0.0	0.134	0.394	0.142	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
635	635$_{de}$	0.875	0.875	0.625	0.875	0.25	0.75	90	0.875	0.817	0.625	83.7	−0.7	19.2	19.2	92.3	0.0	0.084	0.262	0.148	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
636	636$_{de}$	0.875	0.875	0.75	0.875	0.125	0.812	90	0.875	0.846	0.75	85.3	−0.3	9.6	9.6	92.3	0.0	0.055	0.15	0.149	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
637	637$_{de}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.8	0.0	0.0	0.0	0.0	0.0	0.017	0.018	0.158	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
638	638$_{de}$	0.875	0.875	1.0	1.0	0.125	0.937	270	0.875	0.907	1.0	88.5	0.1	−6.0	6.0	271.7	0.099	0.104	0.0	0.045	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
639	639$_{de}$	0.875	1.0	0.0	1.0	1.0	0.5	97	1.0	0.995	0.0	91.4	−15.5	84.4	85.8	100.4	0.0	0.0	1.0	0.0	89	1.0	0.995	0.0	91.4	−15.5	84.4	85.8	100.4
640	640$_{de}$	0.875	1.0	0.125	1.0	0.875	0.562	98	0.883	1.0	0.125	93.0	−16.0	78.0	79.7	101.6	0.0	0.0	0.875	0.0	97	0.867	1.0	0.0	92.6	−18.3	89.2	91.0	101.6
641	641$_{de}$	0.875	1.0	0.25	1.0	0.75	0.625	99	0.856	1.0	0.25	92.4	−14.9	65.7	67.4	102.7	0.125	0.0	0.749	0.0	100	0.808	1.0	0.0	91.3	−19.9	87.6	89.8	102.7
642	642$_{de}$	0.875	1.0	0.375	1.0	0.625	0.687	101	0.835	1.0	0.375	91.5	−14.2	52.6	54.5	105.1	0.073	0.0	0.601	0.007	104	0.736	1.0	0.0	89.0	−22.7	84.1	87.2	105.1
643	643$_{de}$	0.875	1.0	0.5	1.0	0.5	0.75	104	0.848	1.0	0.5	90.8	−13.2	39.2	41.4	108.6	0.094	0.0	0.443	0.039	107	0.697	1.0	0.0	85.8	−26.4	78.5	82.9	108.6
644	644$_{de}$	0.875	1.0	0.625	1.0	0.375	0.812	109	0.861	1.0	0.625	90.0	−11.7	25.8	28.4	114.4	0.108	0.0	0.318	0.05	111	0.631	1.0	0.0	80.4	−31.3	68.9	75.7	114.4
645	645$_{de}$	0.875	1.0	0.75	1.0	0.25	0.875	120	0.875	1.0	0.75	89.6	−10.4	13.7	17.2	127.2	0.13	0.0	0.218	0.054	119	0.5	1.0	0.0	71.0	−41.7	54.8	68.9	127.2
646	646$_{de}$	0.875	1.0	0.875	1.0	0.125	0.937	150	0.875	1.0	0.893	90.5	−8.2	2.6	8.6	162.2	0.141	0.0	0.123	0.014	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
647	647$_{de}$	0.875	1.0	1.0	1.0	0.125	0.937	210	0.875	1.0	0.973	90.7	−4.8	−3.6	6.0	216.9	0.093	0.0	0.012	0.036	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9

delta

Grafico TUB-PI49; grafico per il test colori e la differenza, $\Delta E'^*$, 3D=1, de=1, *cmyk**

Input: *rgb/cmyk* −> *rgb*$_{de}$
Output: 3D-linearizzazione a *cmyk**$_{de}$

vedi file simili: http://farbe.li.tu-berlin.de/PI49/PI49.HTM
informazioni tecniche: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

iscrizione TUB: 20160501-PI49/PI49L0FA.TXT /.PS
Applicatione per la misura dell'output output della stampante laser, separazione cmyn6* (CMYK)

TUB materiale: code=rha4ta

n	HIC*$_{Fde}$	rgb_{Fde}			ict_{Fde}			h_{si_Fde}	rgb^*_{Fde}			$LabCh^*_{Fde}$					$cmyn^*_{sep,Fde}$				$h_{siM,de}$	rgb^*_{Mde}			$LabCh^*_{Mde}$				
648	648$_{de}$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4	0.0	1.0	0.735	0.0	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
649	649$_{de}$	1.0	0.0	0.125	1.0	1.0	0.5	383	1.0	0.0	0.392	47.4	57.2	18.2	60.0	17.6	0.0	1.0	0.605	0.0	367	1.0	0.0	0.392	47.4	57.2	18.2	60.0	17.6
650	650$_{de}$	1.0	0.0	0.25	1.0	1.0	0.5	376	1.0	0.0	0.501	47.8	59.0	10.2	59.9	9.8	0.0	0.999	0.495	0.0	359	1.0	0.0	0.501	47.8	59.0	10.2	59.9	9.8
651	651$_{de}$	1.0	0.0	0.375	1.0	1.0	0.5	368	1.0	0.0	0.641	48.1	62.2	1.0	62.2	0.9	0.0	0.991	0.359	0.004	350	1.0	0.0	0.641	48.1	62.2	1.0	62.2	0.9
652	652$_{de}$	1.0	0.0	0.5	1.0	1.0	0.5	360	1.0	0.0	0.827	49.4	65.5	−9.1	66.2	352.0	0.0	0.994	0.174	0.001	339	1.0	0.0	0.827	49.4	65.5	−9.1	66.2	352.0
653	653$_{de}$	1.0	0.0	0.625	1.0	1.0	0.5	352	1.0	0.0	0.964	48.5	65.6	−12.2	66.7	349.4	0.0	0.999	0.033	0.0	331	1.0	0.0	0.964	48.5	65.6	−12.2	66.7	349.4
654	654$_{de}$	1.0	0.0	0.75	1.0	1.0	0.5	344	0.825	0.0	1.0	44.1	58.2	−19.0	61.2	341.8	0.176	0.998	0.0	0.0	320	0.825	0.0	1.0	44.1	58.2	−19.0	61.2	341.8
655	655$_{de}$	1.0	0.0	0.875	1.0	1.0	0.5	337	0.696	0.0	1.0	40.6	52.3	−24.1	57.6	335.2	0.304	0.999	0.0	0.0	312	0.696	0.0	1.0	40.6	52.3	−24.1	57.6	335.2
656	656$_{de}$	1.0	0.0	1.0	1.0	1.0	0.5	330	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6	0.415	1.0	0.0	0.0	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
657	657$_{de}$	1.0	0.125	0.0	1.0	1.0	0.5	37	1.0	0.0	0.012	47.5	57.1	37.5	68.3	33.2	0.0	1.0	0.989	0.0	389	1.0	0.0	0.012	47.5	57.1	37.5	68.3	33.2
658	658$_{de}$	1.0	0.125	0.125	1.0	0.875	0.562	390	1.0	0.125	0.355	53.5	49.0	23.3	54.3	25.4	0.0	0.795	0.546	0.056	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
659	659$_{de}$	1.0	0.125	0.25	1.0	0.875	0.562	382	1.0	0.125	0.482	53.5	50.3	14.9	52.5	16.5	0.0	0.79	0.439	0.064	366	1.0	0.0	0.408	47.5	57.5	17.1	60.0	16.5
660	660$_{de}$	1.0	0.125	0.375	1.0	0.875	0.562	374	1.0	0.125	0.594	53.8	52.4	7.0	52.9	7.6	0.0	0.785	0.352	0.062	357	1.0	0.0	0.536	47.8	59.9	8.0	60.4	7.6
661	661$_{de}$	1.0	0.125	0.5	1.0	0.875	0.562	365	1.0	0.125	0.733	54.6	55.5	−2.2	55.6	357.6	0.0	0.786	0.244	0.053	347	1.0	0.0	0.695	48.7	63.4	−2.6	63.5	357.6
662	662$_{de}$	1.0	0.125	0.625	1.0	0.875	0.562	355	1.0	0.125	0.841	55.2	57.2	−7.7	57.8	352.3	0.0	0.786	0.161	0.042	339	1.0	0.0	0.818	49.4	65.4	−8.8	66.0	352.3
663	663$_{de}$	1.0	0.125	0.75	1.0	0.875	0.562	346	0.887	0.125	1.0	51.8	52.5	−15.2	54.6	343.7	0.008	0.785	0.0	0.135	323	0.87	0.0	1.0	45.5	60.0	−17.4	62.5	343.7
664	664$_{de}$	1.0	0.125	0.875	1.0	0.875	0.562	338	0.746	0.125	1.0	47.8	46.4	−20.5	50.8	336.1	0.205	0.81	0.0	0.083	313	0.71	0.0	1.0	41.0	53.1	−23.4	58.0	336.1
665	665$_{de}$	1.0	0.125	1.0	1.0	0.875	0.562	330	0.636	0.125	1.0	45.6	40.9	−24.9	47.9	328.6	0.299	0.778	0.0	0.141	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
666	666$_{de}$	1.0	0.25	0.0	1.0	1.0	0.5	44	1.0	0.108	0.0	51.4	54.8	47.7	72.6	41.0	0.0	0.886	0.987	0.001	35	1.0	0.108	0.0	51.4	54.8	47.7	72.6	41.0
667	667$_{de}$	1.0	0.25	0.125	1.0	0.875	0.562	38	1.0	0.136	0.125	54.0	49.8	34.1	60.4	34.3	0.0	0.808	0.68	0.024	30	1.0	0.012	0.0	48.0	57.0	39.0	69.1	34.3
668	668$_{de}$	1.0	0.25	0.25	1.0	0.75	0.625	390	1.0	0.25	0.447	59.6	42.0	20.0	46.5	25.4	0.0	0.687	0.459	0.031	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
669	669$_{de}$	1.0	0.25	0.375	1.0	0.75	0.625	381	1.0	0.25	0.567	59.6	43.3	11.9	45.0	15.4	0.0	0.684	0.376	0.04	365	1.0	0.0	0.423	47.5	57.8	15.9	60.0	15.4
670	670$_{de}$	1.0	0.25	0.5	1.0	0.75	0.625	371	1.0	0.25	0.691	59.9	45.8	3.4	45.9	4.3	0.0	0.687	0.283	0.04	354	1.0	0.0	0.588	47.9	61.1	4.6	61.2	4.3
671	671$_{de}$	1.0	0.25	0.625	1.0	0.75	0.625	360	1.0	0.25	0.87	61.0	49.1	−6.8	49.6	352.0	0.0	0.688	0.148	0.024	339	1.0	0.0	0.827	49.4	65.5	−9.1	66.2	352.0
672	672$_{de}$	1.0	0.25	0.75	1.0	0.75	0.625	349	0.956	0.25	1.0	59.2	47.2	−11.2	48.5	346.6	0.0	0.686	0.061	0.081	327	0.941	0.0	1.0	47.0	63.0	−14.9	64.7	346.6
673	673$_{de}$	1.0	0.25	0.875	1.0	0.75	0.625	339	0.793	0.25	1.0	54.9	40.4	−17.0	43.8	337.1	0.129	0.693	0.0	0.118	314	0.725	0.0	1.0	41.3	53.8	−22.7	58.4	337.1
674	674$_{de}$	1.0	0.25	1.0	1.0	0.75	0.625	330	0.688	0.25	1.0	52.8	35.0	−21.4	41.0	328.6	0.233	0.664	0.0	0.143	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
675	675$_{de}$	1.0	0.375	0.0	1.0	1.0	0.5	52	1.0	0.216	0.0	56.5	45.2	53.8	70.3	49.9	0.0	0.785	1.0	0.0	41	1.0	0.216	0.0	56.5	45.2	53.8	70.3	49.9
676	676$_{de}$	1.0	0.375	0.125	1.0	0.875	0.562	46	1.0	0.245	0.125	58.0	46.4	43.7	63.7	43.3	0.0	0.759	0.749	0.0	37	1.0	0.138	0.0	52.6	53.0	49.9	72.8	43.3
677	677$_{de}$	1.0	0.375	0.25	1.0	0.75	0.625	39	1.0	0.271	0.25	60.4	42.5	30.3	52.2	35.5	0.0	0.696	0.566	0.0	31	1.0	0.028	0.0	48.6	56.7	40.4	69.6	35.5
678	678$_{de}$	1.0	0.375	0.375	1.0	0.625	0.687	390	1.0	0.375	0.539	65.6	35.0	16.7	38.8	25.4	0.0	0.591	0.405	0.012	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
679	679$_{de}$	1.0	0.375	0.5	1.0	0.625	0.687	379	1.0	0.375	0.659	65.7	36.4	8.5	37.4	13.2	0.0	0.587	0.317	0.021	362	1.0	0.0	0.454	47.6	58.3	13.7	59.9	13.2
680	680$_{de}$	1.0	0.375	0.625	1.0	0.625	0.687	367	1.0	0.375	0.787	66.1	39.1	0.0	39.1	359.8	0.0	0.589	0.219	0.018	349	1.0	0.0	0.659	48.3	62.6	−0.1	62.6	359.8
681	681$_{de}$	1.0	0.375	0.75	1.0	0.625	0.687	353	1.0	0.375	0.937	66.7	41.2	−6.9	41.8	350.4	0.0	0.589	0.123	0.015	335	1.0	0.0	0.899	49.2	66.0	−11.1	66.9	350.4
682	682$_{de}$	1.0	0.375	0.875	1.0	0.625	0.687	341	0.848	0.375	1.0	62.2	34.6	−13.2	37.1	339.0	0.053	0.561	0.0	0.131	316	0.756	0.0	1.0	42.1	55.4	−21.2	59.3	339.0
683	683$_{de}$	1.0	0.375	1.0	1.0	0.625	0.687	330	0.74	0.375	1.0	60.0	29.2	−17.8	34.2	328.6	0.177	0.545	0.0	0.133	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
684	684$_{de}$	1.0	0.5	0.0	1.0	1.0	0.5	60	1.0	0.319	0.0	61.8	35.2	58.4	68.2	58.8	0.0	0.683	1.0	0.0	48	1.0	0.319	0.0	61.8	35.2	58.4	68.2	58.8
685	685$_{de}$	1.0	0.5	0.125	1.0	0.875	0.562	55	1.0	0.348	0.125	63.2	36.1	48.5	60.5	53.3	0.0	0.631	0.749	0.0	44	1.0	0.255	0.0	58.5	41.3	55.4	69.1	53.3
686	686$_{de}$	1.0	0.5	0.25	1.0	0.75	0.625	49	1.0	0.382	0.25	64.9	36.8	39.0	53.7	46.6	0.0	0.628	0.623	0.0	39	1.0	0.177	0.0	54.6	49.1	52.0	71.6	46.6
687	687$_{de}$	1.0	0.5	0.375	1.0	0.625	0.687	41	1.0	0.413	0.375	67.0	35.0	27.1	44.3	37.7	0.0	0.587	0.498	0.0	33	1.0	0.06	0.0	49.7	56.0	43.3	70.8	37.7
688	688$_{de}$	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.631	71.6	28.0	13.3	31.0	25.4	0.0	0.499	0.348	0.0	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
689	689$_{de}$	1.0	0.5	0.625	1.0	0.5	0.75	376	1.0	0.5	0.75	71.8	29.5	5.1	29.9	9.8	0.0	0.49	0.253	0.01	359	1.0	0.0	0.501	47.8	59.0	10.2	59.9	9.8
690	690$_{de}$	1.0	0.5	0.75	1.0	0.5	0.75	360	1.0	0.5	0.913	72.6	32.7	−4.5	33.1	352.0	0.0	0.483	0.137	0.003	339	1.0	0.0	0.827	49.4	65.5	−9.1	66.2	352.0
691	691$_{de}$	1.0	0.5	0.875	1.0	0.5	0.75	344	0.912	0.5	1.0	70.0	29.1	−9.5	30.6	341.8	0.0	0.443	0.029	0.106	320	0.825	0.0	1.0	44.1	58.2	−19.0	61.2	341.8
692	692$_{de}$	1.0	0.5	1.0	1.0	0.5	0.75	330	0.792	0.5	1.0	67.1	23.3	−14.2	27.3	328.6	0.121	0.428	0.0	0.13	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
693	693$_{de}$	1.0	0.625	0.0	1.0	1.0	0.5	68	1.0	0.425	0.0	67.0	25.7	63.0	68.0	67.8	0.0	0.576	1.0	0.0	55	1.0	0.425	0.0	67.0	25.7	63.0	68.0	67.8
694	694$_{de}$	1.0	0.625	0.125	1.0	0.875	0.562	65	1.0	0.461	0.125	68.9	25.4	53.2	59.0	64.4	0.0	0.508	0.757	0.0	52	1.0	0.384	0.0	65.0	29.0	60.9	67.5	64.4
695	695$_{de}$	1.0	0.625	0.25	1.0	0.75	0.625	60	1.0	0.489	0.25	70.3	26.4	43.8	51.1	58.8	0.0	0.498	0.652	0.0	48	1.0	0.319	0.0	61.8	35.2	58.4	68.2	58.8
696	696$_{de}$	1.0	0.625	0.375	1.0	0.625	0.687	53	1.0	0.518	0.375	71.7	27.4	34.0	43.6	51.0	0.0	0.498	0.536	0.0	42	1.0	0.229	0.0	57.2	43.9	54.4	69.9	51.0
697	697$_{de}$	1.0	0.625	0.5	1.0	0.5	0.75	44	1.0	0.554	0.5	73.6	27.4	23.8	36.3	41.0	0.0	0.498	0.427	0.0	35	1.0	0.108	0.0	51.4	54.8	47.7	72.6	41.0
698	698$_{de}$	1.0	0.625	0.625	1.0	0.375	0.812	390	1.0	0.625	0.723	77.7	21.0	10.0	23.2	25.4	0.0	0.396	0.268	0.0	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
699	699$_{de}$	1.0	0.625	0.75	1.0	0.375	0.812	371	1.0	0.625	0.845	77.8	22.9	1.7	22.9	4.3	0.0	0.393	0.187	0.002	354	1.0	0.0	0.588	47.9	61.1	4.6	61.2	4.3
700	700$_{de}$	1.0	0.625	0.875	1.0	0.375	0.812	349	0.978	0.625	1.0	77.5	23.6	−5.6	24.2	346.6	0.0	0.371	0.094	0.033	327	0.941	0.0	1.0	47.0	63.0	−14.9	64.7	346.6
701	701$_{de}$	1.0	0.625	1.0	1.0	0.375	0.812	330	0.844	0.625	1.0	74.3	17.5	−10.7	20.5	328.6	0.059	0.31	0.0	0.123	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
702	702$_{de}$	1.0	0.75	0.0	1.0	1.0	0.5	76	1.0	0.551	0.0	72.3	16.1	68.2	70.1	76.7	0.0	0.448	1.0	0.0	63	1.0	0.551	0.0	72.3	16.1	68.2	70.1	76.7
703	703$_{de}$	1.0	0.75	0.125	1.0	0.875	0.562	74	1.0	0.572	0.125	74.0	16.2	58.4	60.6	74.4	0.0	0.411	0.766	0.0	60	1.0	0.511	0.0	70.9	18.5	66.7	69.2	74.4
704	704$_{de}$	1.0	0.75	0.25	1.0	0.75	0.625	71	1.0	0.6	0.25	75.6	16.6	48.6	51.4	71.1	0.0	0.387	0.658	0.0	57	1.0	0.466	0.0	68.9	22.1	64.9	68.5	71.1
705	705$_{de}$	1.0	0.75	0.375	1.0	0.625	0.687	67	1.0	0.632	0.375	77.4	16.7	38.9	42.4	66.6	0.0	0.376	0.548	0.0	54	1.0	0.411	0.0	66.3	26.8	62.3	67.8	66.6
706	706$_{de}$	1.0	0.75	0.5	1.0	0.5	0.75	60	1.0	0.659	0.5	78.8	17.6	29.2	34.1	58.8	0.0	0.376	0.444	0.0	48	1.0	0.319	0.0	61.8	35.2	58.4	68.2	58.8
707	707$_{de}$	1.0	0.75	0.625	1.0	0.375	0.812	49	1.0	0.691	0.625	80.3	18.4	19.5	26.8	46.6	0.0	0.375	0.375	0.0	39	1.0	0.177	0.0	54.6	49.1	52.0	71.6	46.6
708	708$_{de}$	1.0	0.75	0.75	1.0	0.25	0.875	390	1.0	0.75	0.815	83.7	14.0	6.6	15.5	25.4	0.0	0.295	0.2	0.0	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
709	709$_{de}$	1.0	0.75	0.875	1.0	0.25	0.875	360	1.0	0.75	0.956	84.2	16.3	−2.2	16.5	352.0	0.0	0.279	0.08	0.0	339	1.0	0.0	0.827	49.4	65.5	−9.1	66.2	352.0
710	710$_{de}$	1.0	0.75	1.0	1.0	0.25	0.875	330	0.896	0.75	1.0	81.5	11.6	−7.1	13.6	328.6	0.024	0.205	0.0	0.1	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
711	711$_{de}$	1.0	0.875	0.0	1.0	1.0	0.5	83	1.0	0.668	0.0	77.7	7.0	73.1	73.5	84.5	0.0	0.329	1.0	0.0	70	1.0	0.668	0.0	77.7	7.0	73.1	73.5	84.5
712	712$_{de}$	1.0	0.875	0.125	1.0	0.875	0.562	82	1.0	0.698	0.125	79.2	7.3	63.4	63.8	83.4	0.0	0.314	0.823	0.0	70	1.0	0.655	0.0	76.8	8.3	72.4	72.9	83.4
713	713$_{de}$	1.0	0.875	0.25	1.0	0.75	0.625	81	1.0	0.731	0.25	80.9	7.2	53.8	54.3	82.2	0.0	0.292	0.678	0.0	69	1.0	0.642	0.0	76.0	9.7	71.7	72.4	82.2
714	714$_{de}$	1.0	0.875	0.375	1.0	0.625	0.687	79	1.0	0.757	0.375	82.4	7.7	43.9	44.6	80.0	0.0	0.28	0.532	0.0	67	1.0	0.611	0.0	74.4	12.3	70.3	71.3	80.0
715	715$_{de}$	1.0	0.875	0.5	1.0	0.5	0.75	76	1.0	0.775	0.5	84.0	8.0	34.1	35.0	76.7	0.0	0.263	0.422	0.0	63	1.0	0.551	0.0	72.3	16.1	68.2	70.1	76.7
716	716$_{de}$	1.0	0.875	0.625	1.0	0.375	0.812	71	1.0	0.8	0.625	85.7	8.3	24.3	25.7	71.1	0.0	0.25	0.375	0.0	57	1.0	0.466	0.0	68.9	22.1	64.9	68.5	71.1
717	717$_{de}$	1.0	0.875	0.75	1.0	0.25	0.875	60	1.0	0.829	0.75	87.3	8.8	14.6	17.0	58.8	0.0	0.25	0.252	0.0	48	1.0	0.319	0.0	61.8	35.2	58.4	68.2	58.8
718	718$_{de}$	1.0	0.875	0.875	1.0	0.125	0.937	390	1.0	0.875	0.907	89.8	7.0	3.3	7.7	25.4	0.0	0.17	0.125	0.0	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
719	719$_{de}$	1.0	0.875	1.0	1.0	0.125	0.937	330	0.948	0.875	1.0	88.6	5.8	−3.5	6.8	328.6	0.017	0.134	0.0	0.047	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
720	720$_{de}$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3	0.0	0.231	0.999	0.001	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
721	721$_{de}$	1.0	1.0	0.125	1.0	0.875	0.562	90	1.0	0.797	0.125	85.1	−2.7	67.2	67.2	92.3	0.0	0.25	0.875	0.0	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
722	722$_{de}$	1.0	1.0	0.25	1.0	0.75	0.625	90	1.0	0.826	0.25	86.7	−2.3	57.6	57.6	92.3	0.0	0.153	0.749	0.0	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
723	723$_{de}$	1.0	1.0	0.375	1.0	0.625	0.687	90	1.0	0.855	0.375	88.2	−1.9	48.0	48.0	92.3	0.0	0.133	0.595	0.0	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
724	724$_{de}$	1.0	1.0	0.5	1.0	0.5	0.75	90	1.0	0.884	0.5	89.7	−1.5	38.4	38.4	92.3	0.0	0.125	0.443	0.0	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
725	725$_{de}$	1.0	1.0	0.625	1.0	0.375	0.812	90	1.0	0.913	0.625	91.2	−1.1	28.8	28.8	92.3	0.0	0.125	0.375	0.0	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
726	726$_{de}$	1.0	1.0	0.75	1.0	0.25	0.875	90	1.0	0.942	0.75	92.7	−0.7	19.2	19.2	92.3	0.0	0.125	0.25	0.0	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
727	727$_{de}$	1.0	1.0	0.875	1.0	0.125	0.937	90	1.0	0.971	0.875	94.3	−0.3	9.6	9.6	92.3	0.0	0.062	0.128	0.0	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
728	728$_{de}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0

delta

4−1131630−F0

PI490−7N, 17/22−F

Grafico TUB-PI49; grafico per il test colori e la differenza, $\Delta E'^*$, 3D=1, de=1, *cmyk**

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

vedi file simili: http://farbe.li.tu-berlin.de/PI49/PI49.HTM
informazioni tecniche: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

iscrizione TUB: 20160501-PI49/PI49L0FA.TXT /.PS
Applicatione per la misura dell'output output della stampante laser, separazione cmyn6* (CMYK)

TUB materiale: code=rha4ta

n	HIC*$_{Fde}$	rgb_{Fde}			ict_{Fde}			h_{si_Fde}	rgb^*_{Fde}			$LabCh^*_{Fde}$					$cmyn^*_{sep,Fde}$				$h_{siM,de}$	rgb^*_{Mde}			$LabCh^*_{Mde}$				
729	729$_{de}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
730	730$_{de}$	0.875	1.0	1.0	1.0	0.125	0.937	210	0.875	1.0	0.973	90.7	−4.8	−3.6	6.0	216.9	0.093	0.0	0.012	0.036	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9
731	731$_{de}$	0.75	1.0	1.0	1.0	0.25	0.875	210	0.75	1.0	0.947	85.6	−9.6	−7.2	12.1	216.9	0.201	0.0	0.061	0.087	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9
732	732$_{de}$	0.625	1.0	1.0	1.0	0.375	0.812	210	0.625	1.0	0.921	80.5	−14.5	−10.9	18.1	216.9	0.305	0.0	0.095	0.125	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9
733	733$_{de}$	0.5	1.0	1.0	1.0	0.5	0.75	210	0.5	1.0	0.895	75.4	−19.3	−14.5	24.2	216.9	0.399	0.0	0.132	0.128	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9
734	734$_{de}$	0.375	1.0	1.0	1.0	0.625	0.687	210	0.375	1.0	0.869	70.3	−24.1	−18.2	30.2	216.9	0.563	0.0	0.173	0.087	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9
735	735$_{de}$	0.25	1.0	1.0	1.0	0.75	0.625	210	0.25	1.0	0.843	65.1	−29.0	−21.8	36.3	216.9	0.699	0.0	0.213	0.001	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9
736	736$_{de}$	0.125	1.0	1.0	1.0	0.875	0.562	210	0.125	1.0	0.817	60.0	−33.8	−25.5	42.3	216.9	0.805	0.0	0.174	0.125	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9
737	737$_{de}$	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9	1.0	0.0	0.2	0.0	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9
738	738$_{de}$	1.0	0.875	0.875	1.0	0.125	0.937	390	1.0	0.875	0.907	89.8	7.0	3.3	7.7	25.4	0.0	0.17	0.125	0.0	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
739	739$_{de}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.8	0.0	0.0	0.0	0.0	0.0	0.017	0.018	0.158	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
740	740$_{de}$	0.75	0.875	0.875	0.875	0.125	0.812	210	0.75	0.875	0.848	81.7	−4.8	−3.6	6.0	216.9	0.098	0.0	0.024	0.205	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9
741	741$_{de}$	0.625	0.875	0.875	0.875	0.25	0.75	210	0.625	0.875	0.822	76.6	−9.6	−7.2	12.1	216.9	0.204	0.0	0.073	0.249	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9
742	742$_{de}$	0.5	0.875	0.875	0.875	0.375	0.687	210	0.5	0.875	0.796	71.5	−14.5	−10.9	18.1	216.9	0.333	0.0	0.134	0.249	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9
743	743$_{de}$	0.375	0.875	0.875	0.875	0.5	0.625	210	0.375	0.875	0.77	66.4	−19.3	−14.5	24.2	216.9	0.462	0.0	0.172	0.251	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9
744	744$_{de}$	0.25	0.875	0.875	0.875	0.625	0.562	210	0.25	0.875	0.744	61.3	−24.1	−18.2	30.2	216.9	0.639	0.0	0.193	0.236	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9
745	745$_{de}$	0.125	0.875	0.875	0.875	0.75	0.5	210	0.125	0.875	0.718	56.1	−29.0	−21.8	36.3	216.9	0.762	0.0	0.208	0.27	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9
746	746$_{de}$	0.0	0.875	0.875	0.875	0.875	0.437	210	0.0	0.875	0.692	51.0	−33.8	−25.5	42.3	216.9	0.874	0.0	0.25	0.0	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9
747	747$_{de}$	1.0	0.75	0.75	1.0	0.25	0.875	390	1.0	0.75	0.815	83.7	14.0	6.6	15.5	25.4	0.0	0.295	0.2	0.0	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
748	748$_{de}$	0.875	0.75	0.75	0.875	0.125	0.812	390	0.875	0.75	0.782	80.8	7.0	3.3	7.7	25.4	0.0	0.161	0.121	0.139	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
749	749$_{de}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	77.8	0.0	0.0	0.0	0.0	0.0	0.015	0.029	0.286	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
750	750$_{de}$	0.625	0.75	0.75	0.75	0.125	0.687	210	0.625	0.75	0.723	72.7	−4.8	−3.6	6.0	216.9	0.108	0.0	0.053	0.338	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9
751	751$_{de}$	0.5	0.75	0.75	0.75	0.25	0.625	210	0.5	0.75	0.697	67.6	−9.6	−7.2	12.1	216.9	0.214	0.0	0.095	0.368	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9
752	752$_{de}$	0.375	0.75	0.75	0.75	0.375	0.562	210	0.375	0.75	0.671	62.5	−14.5	−10.9	18.1	216.9	0.351	0.0	0.138	0.374	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9
753	753$_{de}$	0.25	0.75	0.75	0.75	0.5	0.5	210	0.25	0.75	0.645	57.4	−19.3	−14.5	24.2	216.9	0.522	0.0	0.176	0.36	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9
754	754$_{de}$	0.125	0.75	0.75	0.75	0.625	0.437	210	0.125	0.75	0.619	52.3	−24.1	−18.2	30.2	216.9	0.68	0.0	0.214	0.367	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9
755	755$_{de}$	0.0	0.75	0.75	0.75	0.75	0.375	210	0.0	0.75	0.593	47.1	−29.0	−21.8	36.3	216.9	0.782	0.0	0.203	0.44	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9
756	756$_{de}$	1.0	0.625	0.625	1.0	0.375	0.812	390	1.0	0.625	0.723	77.7	21.0	10.0	23.2	25.4	0.0	0.396	0.268	0.0	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
757	757$_{de}$	0.875	0.625	0.625	0.875	0.25	0.75	390	0.875	0.625	0.69	74.7	14.0	6.6	15.5	25.4	0.0	0.302	0.201	0.127	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
758	758$_{de}$	0.75	0.625	0.625	0.75	0.125	0.687	390	0.75	0.625	0.657	71.8	7.0	3.3	7.7	25.4	0.0	0.185	0.15	0.277	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
759	759$_{de}$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	68.8	0.0	0.0	0.0	0.0	0.0	0.028	0.063	0.409	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
760	760$_{de}$	0.5	0.625	0.625	0.625	0.125	0.562	210	0.5	0.625	0.598	63.7	−4.8	−3.6	6.0	216.9	0.117	0.0	0.059	0.443	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9
761	761$_{de}$	0.375	0.625	0.625	0.625	0.25	0.5	210	0.375	0.625	0.572	58.6	−9.6	−7.2	12.1	216.9	0.245	0.0	0.117	0.478	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9
762	762$_{de}$	0.25	0.625	0.625	0.625	0.375	0.437	210	0.25	0.625	0.546	53.5	−14.5	−10.9	18.1	216.9	0.401	0.0	0.156	0.475	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9
763	763$_{de}$	0.125	0.625	0.625	0.625	0.5	0.375	210	0.125	0.625	0.52	48.4	−19.3	−14.5	24.2	216.9	0.562	0.0	0.201	0.474	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9
764	764$_{de}$	0.0	0.625	0.625	0.625	0.625	0.312	210	0.0	0.625	0.494	43.3	−24.1	−18.2	30.2	216.9	0.709	0.0	0.219	0.524	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9
765	765$_{de}$	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.631	71.6	28.0	13.3	31.0	25.4	0.0	0.499	0.348	0.0	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
766	766$_{de}$	0.875	0.5	0.5	0.875	0.375	0.687	390	0.875	0.5	0.598	68.7	21.0	10.0	23.2	25.4	0.0	0.433	0.28	0.129	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
767	767$_{de}$	0.75	0.5	0.5	0.75	0.25	0.625	390	0.75	0.5	0.565	65.7	14.0	6.6	15.5	25.4	0.0	0.348	0.249	0.256	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
768	768$_{de}$	0.625	0.5	0.5	0.625	0.125	0.562	390	0.625	0.5	0.532	62.8	7.0	3.3	7.7	25.4	0.0	0.221	0.193	0.4	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
769	769$_{de}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	59.8	0.0	0.0	0.0	0.0	0.0	0.029	0.059	0.51	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
770	770$_{de}$	0.375	0.5	0.5	0.5	0.125	0.437	210	0.375	0.5	0.473	54.7	−4.8	−3.6	6.0	216.9	0.139	0.0	0.078	0.556	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9
771	771$_{de}$	0.25	0.5	0.5	0.5	0.25	0.375	210	0.249	0.5	0.447	49.6	−9.6	−7.2	12.1	216.9	0.277	0.0	0.133	0.57	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9
772	772$_{de}$	0.125	0.5	0.5	0.5	0.375	0.312	210	0.124	0.5	0.421	44.5	−14.5	−10.9	18.1	216.9	0.426	0.0	0.182	0.585	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9
773	773$_{de}$	0.0	0.5	0.5	0.5	0.5	0.25	210	0.0	0.5	0.395	39.4	−19.3	−14.5	24.2	216.9	0.626	0.0	0.211	0.61	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9
774	774$_{de}$	1.0	0.375	0.375	1.0	0.625	0.687	390	1.0	0.375	0.539	65.6	35.0	16.7	38.8	25.4	0.0	0.591	0.405	0.012	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
775	775$_{de}$	0.875	0.375	0.375	0.875	0.5	0.625	390	0.875	0.375	0.506	62.7	28.0	13.3	31.0	25.4	0.0	0.562	0.381	0.134	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
776	776$_{de}$	0.75	0.375	0.375	0.75	0.375	0.562	390	0.75	0.375	0.473	59.7	21.0	10.0	23.2	25.4	0.0	0.501	0.337	0.244	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
777	777$_{de}$	0.625	0.375	0.375	0.625	0.25	0.5	390	0.625	0.375	0.44	56.7	14.0	6.6	15.5	25.4	0.0	0.399	0.312	0.391	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
778	778$_{de}$	0.5	0.375	0.375	0.5	0.125	0.437	390	0.5	0.375	0.407	53.8	7.0	3.3	7.7	25.4	0.0	0.254	0.22	0.512	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
779	779$_{de}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	50.8	0.0	0.0	0.0	0.0	0.0	0.026	0.052	0.629	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
780	780$_{de}$	0.25	0.375	0.375	0.375	0.125	0.312	210	0.249	0.375	0.348	45.7	−4.8	−3.6	6.0	216.9	0.129	0.0	0.095	0.655	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9
781	781$_{de}$	0.125	0.375	0.375	0.375	0.25	0.25	210	0.124	0.375	0.322	40.6	−9.6	−7.2	12.1	216.9	0.332	0.0	0.152	0.669	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9
782	782$_{de}$	0.0	0.375	0.375	0.375	0.375	0.187	210	0.0	0.375	0.296	35.5	−14.5	−10.9	18.1	216.9	0.528	0.0	0.199	0.721	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9
783	783$_{de}$	1.0	0.25	0.25	1.0	0.75	0.625	390	1.0	0.25	0.447	59.6	42.0	20.0	46.5	25.4	0.0	0.687	0.459	0.031	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
784	784$_{de}$	0.875	0.25	0.25	0.875	0.625	0.562	390	0.875	0.25	0.414	56.6	35.0	16.7	38.8	25.4	0.0	0.673	0.446	0.144	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
785	785$_{de}$	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.381	53.7	28.0	13.3	31.0	25.4	0.0	0.618	0.428	0.251	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
786	786$_{de}$	0.625	0.25	0.25	0.625	0.375	0.437	390	0.625	0.25	0.348	50.7	21.0	10.0	23.2	25.4	0.0	0.552	0.402	0.385	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
787	787$_{de}$	0.5	0.25	0.25	0.5	0.25	0.375	390	0.5	0.249	0.315	47.7	14.0	6.6	15.5	25.4	0.0	0.44	0.333	0.507	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
788	788$_{de}$	0.375	0.25	0.25	0.375	0.125	0.312	390	0.375	0.249	0.282	44.8	7.0	3.3	7.7	25.4	0.0	0.262	0.233	0.632	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
789	789$_{de}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	41.8	0.0	0.0	0.0	0.0	0.0	0.032	0.082	0.716	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
790	790$_{de}$	0.125	0.25	0.25	0.25	0.125	0.187	210	0.124	0.25	0.223	36.7	−4.8	−3.6	6.0	216.9	0.183	0.0	0.103	0.763	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9
791	791$_{de}$	0.0	0.25	0.25	0.25	0.25	0.125	210	0.0	0.25	0.197	31.6	−9.6	−7.2	12.1	216.9	0.471	0.0	0.163	0.811	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9
792	792$_{de}$	1.0	0.125	0.125	1.0	0.875	0.562	390	1.0	0.125	0.355	53.5	49.0	23.3	54.3	25.4	0.0	0.795	0.546	0.056	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
793	793$_{de}$	0.875	0.125	0.125	0.875	0.75	0.5	390	0.875	0.125	0.322	50.6	42.0	20.0	46.5	25.4	0.0	0.778	0.527	0.16	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
794	794$_{de}$	0.75	0.125	0.125	0.75	0.625	0.437	390	0.75	0.125	0.289	47.6	35.0	16.7	38.8	25.4	0.0	0.745	0.508	0.25	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
795	795$_{de}$	0.625	0.125	0.125	0.625	0.5	0.375	390	0.625	0.125	0.256	44.7	28.0	13.3	31.0	25.4	0.0	0.705	0.503	0.387	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
796	796$_{de}$	0.5	0.125	0.125	0.5	0.375	0.312	390	0.5	0.124	0.223	41.7	21.0	10.0	23.2	25.4	0.0	0.617	0.433	0.513	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
797	797$_{de}$	0.375	0.125	0.125	0.375	0.25	0.25	390	0.375	0.124	0.19	38.7	14.0	6.6	15.5	25.4	0.0	0.501	0.37	0.64	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
798	798$_{de}$	0.25	0.125	0.125	0.25	0.125	0.187	390	0.25	0.124	0.157	35.8	7.0	3.3	7.7	25.4	0.0	0.323	0.264	0.729	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
799	799$_{de}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	32.8	0.0	0.0	0.0	0.0	0.0	0.054	0.11	0.815	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
800	800$_{de}$	0.0	0.125	0.125	0.125	0.125	0.062	210	0.0	0.125	0.098	27.7	−4.8	−3.6	6.0	216.9	0.313	0.0	0.125	0.935	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9
801	801$_{de}$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4	0.0	1.0	0.735	0.0	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
802	802$_{de}$	0.875	0.0	0.0	0.875	0.875	0.437	390	0.875	0.0	0.23	44.5	49.0	23.3	54.3	25.4	0.0	0.928	0.7	0.147	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
803	803$_{de}$	0.75	0.0	0.0	0.75	0.75	0.375	390	0.75	0.0	0.197	41.6	42.0	20.0	46.5	25.4	0.0	0.884	0.66	0.266	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
804	804$_{de}$	0.625	0.0	0.0	0.625	0.625	0.312	390	0.625	0.0	0.164	38.6	35.0	16.7	38.8	25.4	0.0	0.842	0.612	0.41	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
805	805$_{de}$	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.131	35.7	28.0	13.3	31.0	25.4	0.0	0.799	0.583	0.542	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
806	806$_{de}$	0.375	0.0	0.0	0.375	0.375	0.187	390	0.375	0.0	0.098	32.7	21.0	10.0	23.2	25.4	0.0	0.729	0.525	0.651	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
807	807$_{de}$	0.25	0.0	0.0	0.25	0.25	0.125	390	0.25	0.0	0.065	29.7	14.0	6.6	15.5	25.4	0.0	0.596	0.435	0.728	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
808	808$_{de}$	0.125	0.0	0.0	0.125	0.125	0.062	390	0.125	0.0	0.032	26.8	7.0	3.3	7.7	25.4	0.0	0.468	0.339	0.872	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
809	809$_{de}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	23.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
																				delta									

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PI490−7N, 18/22−F

Grafico TUB-PI49; grafico per il test
colori e la differenza, $\Delta E'^*$, 3D=1, de=1, *cmyk**

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

vedi file simili: http://farbe.li.tu-berlin.de/PI49/PI49.HTM
informazioni tecniche: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

iscrizione TUB: 20160501-PI49/PI49L0FA.TXT /.PS
Applicatione per la misura dell'output output della stampante laser, separazione cmyn6* (CMYK)

TUB materiale: code=rha4ta

n	HIC*$_{Fde}$	rgb_{Fde}			ict_{Fde}			h_{si_Fde}	rgb^*_{Fde}			$LabCh^*_{Fde}$					$cmyn^*_{sep,Fde}$				$h_{siM,de}$	rgb^*_{Mde}			$LabCh^*_{Mde}$				
810	810$_{de}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
811	811$_{de}$	0.875	0.875	1.0	1.0	0.125	0.937	270	0.875	0.907	1.0	88.5	0.1	−6.0	6.0	271.7	0.099	0.104	0.0	0.045	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
812	812$_{de}$	0.75	0.75	1.0	1.0	0.25	0.875	270	0.75	0.815	1.0	81.2	0.3	−12.1	12.1	271.7	0.178	0.169	0.0	0.075	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
813	813$_{de}$	0.625	0.625	1.0	1.0	0.375	0.812	270	0.625	0.722	1.0	73.8	0.5	−18.2	18.2	271.7	0.271	0.212	0.0	0.112	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
814	814$_{de}$	0.5	0.5	1.0	1.0	0.5	0.75	270	0.5	0.63	1.0	66.5	0.7	−24.3	24.3	271.7	0.373	0.288	0.0	0.127	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
815	815$_{de}$	0.375	0.375	1.0	1.0	0.625	0.687	270	0.375	0.538	1.0	59.2	0.9	−30.4	30.4	271.7	0.494	0.364	0.0	0.133	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
816	816$_{de}$	0.25	0.25	1.0	1.0	0.75	0.625	270	0.25	0.445	1.0	51.9	1.1	−36.5	36.5	271.7	0.617	0.453	0.0	0.135	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
817	817$_{de}$	0.125	0.125	1.0	1.0	0.875	0.562	270	0.125	0.353	1.0	44.6	1.2	−42.6	42.6	271.7	0.755	0.564	0.0	0.139	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
818	818$_{de}$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7	1.0	0.738	0.0	0.0	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
819	819$_{de}$	1.0	1.0	0.875	1.0	0.125	0.937	90	1.0	0.971	0.875	94.3	−0.3	9.6	9.6	92.3	0.0	0.062	0.128	0.0	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
820	820$_{de}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.8	0.0	0.0	0.0	0.0	0.0	0.017	0.018	0.158	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
821	821$_{de}$	0.75	0.75	0.875	0.875	0.125	0.812	270	0.75	0.782	0.875	79.5	0.1	−6.0	6.0	271.7	0.083	0.073	0.0	0.201	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
822	822$_{de}$	0.625	0.625	0.875	0.875	0.25	0.75	270	0.625	0.69	0.875	72.2	0.3	−12.1	12.1	271.7	0.171	0.131	0.0	0.256	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
823	823$_{de}$	0.5	0.5	0.875	0.875	0.375	0.687	270	0.5	0.597	0.875	64.8	0.5	−18.2	18.2	271.7	0.292	0.22	0.0	0.252	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
824	824$_{de}$	0.375	0.375	0.875	0.875	0.5	0.625	270	0.375	0.505	0.875	57.5	0.7	−24.3	24.3	271.7	0.424	0.32	0.0	0.245	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
825	825$_{de}$	0.25	0.25	0.875	0.875	0.625	0.562	270	0.25	0.413	0.875	50.2	0.9	−30.4	30.4	271.7	0.569	0.427	0.0	0.245	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
826	826$_{de}$	0.125	0.125	0.875	0.875	0.75	0.5	270	0.125	0.32	0.875	42.9	1.1	−36.5	36.5	271.7	0.762	0.579	0.0	0.261	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
827	827$_{de}$	0.0	0.0	0.875	0.875	0.875	0.437	270	0.0	0.228	0.875	35.6	1.2	−42.6	42.6	271.7	0.902	0.643	0.0	0.388	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
828	828$_{de}$	1.0	1.0	0.75	1.0	0.25	0.875	90	1.0	0.942	0.75	92.7	−0.7	19.2	19.2	92.3	0.0	0.125	0.25	0.0	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
829	829$_{de}$	0.875	0.875	0.75	0.875	0.125	0.812	90	0.875	0.846	0.75	85.3	−0.3	9.6	9.6	92.3	0.0	0.055	0.15	0.149	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
830	830$_{de}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	77.8	0.0	0.0	0.0	0.0	0.0	0.015	0.029	0.286	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
831	831$_{de}$	0.625	0.625	0.75	0.75	0.125	0.687	270	0.625	0.657	0.75	70.5	0.1	−6.0	6.0	271.7	0.076	0.06	0.0	0.351	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
832	832$_{de}$	0.5	0.5	0.75	0.75	0.25	0.625	270	0.5	0.565	0.75	63.2	0.3	−12.1	12.1	271.7	0.158	0.123	0.0	0.387	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
833	833$_{de}$	0.375	0.375	0.75	0.75	0.375	0.562	270	0.375	0.472	0.75	55.8	0.5	−18.2	18.2	271.7	0.287	0.221	0.0	0.396	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
834	834$_{de}$	0.25	0.25	0.75	0.75	0.5	0.5	270	0.25	0.38	0.75	48.5	0.7	−24.3	24.3	271.7	0.442	0.341	0.0	0.398	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
835	835$_{de}$	0.125	0.125	0.75	0.75	0.625	0.437	270	0.125	0.288	0.75	41.2	0.9	−30.4	30.4	271.7	0.66	0.509	0.0	0.401	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
836	836$_{de}$	0.0	0.0	0.75	0.75	0.75	0.375	270	0.0	0.195	0.75	33.9	1.1	−36.5	36.5	271.7	0.827	0.62	0.0	0.485	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
837	837$_{de}$	1.0	1.0	0.625	1.0	0.375	0.812	90	1.0	0.913	0.625	91.2	−1.1	28.8	28.8	92.3	0.0	0.125	0.375	0.0	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
838	838$_{de}$	0.875	0.875	0.625	0.875	0.25	0.75	90	0.875	0.817	0.625	83.7	−0.7	19.2	19.2	92.3	0.0	0.084	0.262	0.148	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
839	839$_{de}$	0.75	0.75	0.625	0.75	0.125	0.687	90	0.75	0.721	0.625	76.3	−0.3	9.6	9.6	92.3	0.0	0.066	0.186	0.285	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
840	840$_{de}$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	68.8	0.0	0.0	0.0	0.0	0.0	0.028	0.063	0.409	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
841	841$_{de}$	0.5	0.5	0.625	0.625	0.125	0.562	270	0.5	0.532	0.625	61.5	0.1	−6.0	6.0	271.7	0.082	0.064	0.0	0.453	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
842	842$_{de}$	0.375	0.375	0.625	0.625	0.25	0.5	270	0.375	0.44	0.625	54.2	0.3	−12.1	12.1	271.7	0.161	0.131	0.0	0.505	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
843	843$_{de}$	0.25	0.25	0.625	0.625	0.375	0.437	270	0.25	0.347	0.625	46.8	0.5	−18.2	18.2	271.7	0.319	0.254	0.0	0.518	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
844	844$_{de}$	0.125	0.125	0.625	0.625	0.5	0.375	270	0.125	0.255	0.625	39.5	0.7	−24.3	24.3	271.7	0.491	0.394	0.0	0.531	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
845	845$_{de}$	0.0	0.0	0.625	0.625	0.625	0.312	270	0.0	0.163	0.625	32.2	0.9	−30.4	30.4	271.7	0.729	0.579	0.0	0.563	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
846	846$_{de}$	1.0	1.0	0.5	1.0	0.5	0.75	90	1.0	0.884	0.5	89.7	−1.5	38.4	38.4	92.3	0.0	0.125	0.443	0.0	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
847	847$_{de}$	0.875	0.875	0.5	0.875	0.375	0.687	90	0.875	0.788	0.5	82.2	−1.1	28.8	28.8	92.3	0.0	0.134	0.394	0.142	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
848	848$_{de}$	0.75	0.75	0.5	0.75	0.25	0.625	90	0.75	0.692	0.5	74.7	−0.7	19.2	19.2	92.3	0.0	0.116	0.325	0.28	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
849	849$_{de}$	0.625	0.625	0.5	0.625	0.125	0.562	90	0.625	0.596	0.5	67.3	−0.3	9.6	9.6	92.3	0.0	0.086	0.237	0.404	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
850	850$_{de}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	59.8	0.0	0.0	0.0	0.0	0.0	0.029	0.059	0.51	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
851	851$_{de}$	0.375	0.375	0.5	0.5	0.125	0.437	270	0.375	0.407	0.5	52.5	0.1	−6.0	6.0	271.7	0.075	0.066	0.0	0.574	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
852	852$_{de}$	0.25	0.25	0.5	0.5	0.25	0.375	270	0.249	0.315	0.5	45.2	0.3	−12.1	12.1	271.7	0.188	0.161	0.0	0.611	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
853	853$_{de}$	0.125	0.125	0.5	0.5	0.375	0.312	270	0.124	0.222	0.5	37.8	0.5	−18.2	18.2	271.7	0.321	0.273	0.0	0.628	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
854	854$_{de}$	0.0	0.0	0.5	0.5	0.5	0.25	270	0.0	0.13	0.5	30.5	0.7	−24.3	24.3	271.7	0.591	0.497	0.0	0.652	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
855	855$_{de}$	1.0	1.0	0.375	1.0	0.625	0.687	90	1.0	0.855	0.375	88.2	−1.9	48.0	48.0	92.3	0.0	0.133	0.595	0.0	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
856	856$_{de}$	0.875	0.875	0.375	0.875	0.5	0.625	90	0.875	0.759	0.375	80.7	−1.5	38.4	38.4	92.3	0.0	0.159	0.522	0.143	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
857	857$_{de}$	0.75	0.75	0.375	0.75	0.375	0.562	90	0.75	0.663	0.375	73.2	−1.1	28.8	28.8	92.3	0.0	0.157	0.453	0.272	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
858	858$_{de}$	0.625	0.625	0.375	0.625	0.25	0.5	90	0.625	0.567	0.375	65.7	−0.7	19.2	19.2	92.3	0.0	0.145	0.388	0.396	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
859	859$_{de}$	0.5	0.5	0.375	0.5	0.125	0.437	90	0.5	0.471	0.375	58.3	−0.3	9.6	9.6	92.3	0.0	0.106	0.27	0.511	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
860	860$_{de}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	50.8	0.0	0.0	0.0	0.0	0.0	0.026	0.052	0.629	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
861	861$_{de}$	0.25	0.25	0.375	0.375	0.125	0.312	270	0.249	0.282	0.375	43.5	0.1	−6.0	6.0	271.7	0.06	0.066	0.0	0.677	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
862	862$_{de}$	0.125	0.125	0.375	0.375	0.25	0.25	270	0.124	0.19	0.375	36.2	0.3	−12.1	12.1	271.7	0.267	0.229	0.0	0.704	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
863	863$_{de}$	0.0	0.0	0.375	0.375	0.375	0.187	270	0.0	0.097	0.375	28.8	0.5	−18.2	18.2	271.7	0.438	0.38	0.0	0.74	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
864	864$_{de}$	1.0	1.0	0.25	1.0	0.75	0.625	90	1.0	0.826	0.25	86.7	−2.3	57.6	57.6	92.3	0.0	0.153	0.749	0.0	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
865	865$_{de}$	0.875	0.875	0.25	0.875	0.625	0.562	90	0.875	0.73	0.25	79.2	−1.9	48.0	48.0	92.3	0.0	0.189	0.664	0.15	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
866	866$_{de}$	0.75	0.75	0.25	0.75	0.5	0.5	90	0.75	0.634	0.25	71.7	−1.5	38.4	38.4	92.3	0.0	0.187	0.598	0.276	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
867	867$_{de}$	0.625	0.625	0.25	0.625	0.375	0.437	90	0.625	0.538	0.25	64.2	−1.1	28.8	28.8	92.3	0.0	0.188	0.523	0.397	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
868	868$_{de}$	0.5	0.5	0.25	0.5	0.25	0.375	90	0.5	0.442	0.249	56.8	−0.7	19.2	19.2	92.3	0.0	0.171	0.435	0.508	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
869	869$_{de}$	0.375	0.375	0.25	0.375	0.125	0.312	90	0.375	0.346	0.249	49.3	−0.3	9.6	9.6	92.3	0.0	0.111	0.294	0.626	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
870	870$_{de}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	41.8	0.0	0.0	0.0	0.0	0.0	0.032	0.082	0.716	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
871	871$_{de}$	0.125	0.125	0.25	0.25	0.125	0.187	270	0.124	0.157	0.25	34.5	0.1	−6.0	6.0	271.7	0.11	0.11	0.0	0.778	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
872	872$_{de}$	0.0	0.0	0.25	0.25	0.25	0.125	270	0.0	0.065	0.25	27.2	0.3	−12.1	12.1	271.7	0.453	0.37	0.0	0.835	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
873	873$_{de}$	1.0	1.0	0.125	1.0	0.875	0.562	90	1.0	0.797	0.125	85.1	−2.7	67.2	67.2	92.3	0.0	0.25	0.875	0.0	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
874	874$_{de}$	0.875	0.875	0.125	0.875	0.75	0.5	90	0.875	0.701	0.125	77.7	−2.3	57.6	57.6	92.3	0.0	0.193	0.75	0.17	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
875	875$_{de}$	0.75	0.75	0.125	0.75	0.625	0.437	90	0.75	0.605	0.125	70.2	−1.9	48.0	48.0	92.3	0.0	0.196	0.701	0.287	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
876	876$_{de}$	0.625	0.625	0.125	0.625	0.5	0.375	90	0.625	0.509	0.125	62.7	−1.5	38.4	38.4	92.3	0.0	0.21	0.65	0.399	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
877	877$_{de}$	0.5	0.5	0.125	0.5	0.375	0.312	90	0.5	0.413	0.124	55.2	−1.1	28.8	28.8	92.3	0.0	0.215	0.588	0.506	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
878	878$_{de}$	0.375	0.375	0.125	0.375	0.25	0.25	90	0.375	0.317	0.124	47.8	−0.7	19.2	19.2	92.3	0.0	0.17	0.48	0.634	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
879	879$_{de}$	0.25	0.25	0.125	0.25	0.125	0.187	90	0.25	0.221	0.124	40.3	−0.3	9.6	9.6	92.3	0.0	0.122	0.33	0.721	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
880	880$_{de}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	32.8	0.0	0.0	0.0	0.0	0.0	0.054	0.11	0.815	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
881	881$_{de}$	0.0	0.0	0.125	0.125	0.125	0.062	270	0.0	0.032	0.125	25.5	0.1	−6.0	6.0	271.7	0.347	0.246	0.0	0.937	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
882	882$_{de}$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3	0.0	0.231	0.999	0.001	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
883	883$_{de}$	0.875	0.875	0.0	0.875	0.875	0.437	90	0.875	0.672	0.0	76.1	−2.7	67.2	67.2	92.3	0.0	0.194	0.844	0.192	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
884	884$_{de}$	0.75	0.75	0.0	0.75	0.75	0.375	90	0.75	0.576	0.0	68.7	−2.3	57.6	57.6	92.3	0.0	0.2	0.811	0.294	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
885	885$_{de}$	0.625	0.625	0.0	0.625	0.625	0.312	90	0.625	0.48	0.0	61.2	−1.9	48.0	48.0	92.3	0.0	0.217	0.784	0.39	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
886	886$_{de}$	0.5	0.5	0.0	0.5	0.5	0.25	90	0.5	0.384	0.0	53.7	−1.5	38.4	38.4	92.3	0.0	0.227	0.741	0.491	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
887	887$_{de}$	0.375	0.375	0.0	0.375	0.375	0.187	90	0.375	0.288	0.0	46.2	−1.1	28.8	28.8	92.3	0.0	0.213	0.654	0.627	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
888	888$_{de}$	0.25	0.25	0.0	0.25	0.25	0.125	90	0.25	0.192	0.0	38.8	−0.7	19.2	19.2	92.3	0.0	0.185	0.557	0.717	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
889	889$_{de}$	0.125	0.125	0.0	0.125	0.125	0.062	90	0.125	0.096	0.0	31.3	−0.3	9.6	9.6	92.3	0.0	0.143	0.445	0.828	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
890	890$_{de}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	23.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
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PI490−7N, 19/22−F

vedi file simili: http://farbe.li.tu-berlin.de/PI49/PI49.HTM
informazioni tecniche: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

iscrizione TUB: 20160501-PI49/PI49L0FA.TXT /.PS
Applicatione per la misura dell'output output della stampante laser, separazione cmyn6* (CMYK)
TUB materiale: code=rha4ta

Grafico TUB-PI49; grafico per il test colori e la differenza, $\Delta E'^*$, 3D=1, de=1, *cmyk**

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

n	HIC*$_{Fde}$	rgb_{Fde}			ict_{Fde}			h_{si_Fde}	rgb^*_{Fde}			$LabCh^*_{Fde}$				
891	891$_{de}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
892	892$_{de}$	1.0	0.875	1.0	1.0	0.125	0.937	330	0.948	0.875	1.0	88.6	5.8	−3.5	6.8	328.6
893	893$_{de}$	1.0	0.75	1.0	1.0	0.25	0.875	330	0.896	0.75	1.0	81.5	11.6	−7.1	13.6	328.6
894	894$_{de}$	1.0	0.625	1.0	1.0	0.375	0.812	330	0.844	0.625	1.0	74.3	17.5	−10.7	20.5	328.6
895	895$_{de}$	1.0	0.5	1.0	1.0	0.5	0.75	330	0.792	0.5	1.0	67.1	23.3	−14.2	27.3	328.6
896	896$_{de}$	1.0	0.375	1.0	1.0	0.625	0.687	330	0.74	0.375	1.0	60.0	29.2	−17.8	34.2	328.6
897	897$_{de}$	1.0	0.25	1.0	1.0	0.75	0.625	330	0.688	0.25	1.0	52.8	35.0	−21.4	41.0	328.6
898	898$_{de}$	1.0	0.125	1.0	1.0	0.875	0.562	330	0.636	0.125	1.0	45.6	40.9	−24.9	47.9	328.6
899	899$_{de}$	1.0	0.0	1.0	1.0	1.0	0.5	330	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
900	900$_{de}$	0.875	1.0	0.875	1.0	0.125	0.937	150	0.875	1.0	0.893	90.5	−8.2	2.6	8.6	162.2
901	901$_{de}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.8	0.0	0.0	0.0	0.0
902	902$_{de}$	0.875	0.75	0.875	0.875	0.125	0.812	330	0.823	0.75	0.875	79.6	5.8	−3.5	6.8	328.6
903	903$_{de}$	0.875	0.625	0.875	0.875	0.25	0.75	330	0.771	0.625	0.875	72.5	11.6	−7.1	13.6	328.6
904	904$_{de}$	0.875	0.5	0.875	0.875	0.375	0.687	330	0.719	0.5	0.875	65.3	17.5	−10.7	20.5	328.6
905	905$_{de}$	0.875	0.375	0.875	0.875	0.5	0.625	330	0.667	0.375	0.875	58.1	23.3	−14.2	27.3	328.6
906	906$_{de}$	0.875	0.25	0.875	0.875	0.625	0.562	330	0.615	0.25	0.875	51.0	29.2	−17.8	34.2	328.6
907	907$_{de}$	0.875	0.125	0.875	0.875	0.75	0.5	330	0.563	0.125	0.875	43.8	35.0	−21.4	41.0	328.6
908	908$_{de}$	0.875	0.0	0.875	0.875	0.875	0.437	330	0.511	0.0	0.875	36.6	40.9	−24.9	47.9	328.6
909	909$_{de}$	0.75	1.0	0.75	1.0	0.25	0.875	150	0.75	1.0	0.786	85.3	−16.4	5.2	17.3	162.2
910	910$_{de}$	0.75	0.875	0.75	0.875	0.125	0.812	150	0.75	0.875	0.768	81.5	−8.2	2.6	8.6	162.2
911	911$_{de}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	77.8	0.0	0.0	0.0	0.0
912	912$_{de}$	0.75	0.625	0.75	0.75	0.125	0.687	330	0.698	0.625	0.75	70.6	5.8	−3.5	6.8	328.6
913	913$_{de}$	0.75	0.5	0.75	0.75	0.25	0.625	330	0.646	0.5	0.75	63.5	11.6	−7.1	13.6	328.6
914	914$_{de}$	0.75	0.375	0.75	0.75	0.375	0.562	330	0.594	0.375	0.75	56.3	17.5	−10.7	20.5	328.6
915	915$_{de}$	0.75	0.25	0.75	0.75	0.5	0.5	330	0.542	0.25	0.75	49.1	23.3	−14.2	27.3	328.6
916	916$_{de}$	0.75	0.125	0.75	0.75	0.625	0.437	330	0.49	0.125	0.75	42.0	29.2	−17.8	34.2	328.6
917	917$_{de}$	0.75	0.0	0.75	0.75	0.75	0.375	330	0.438	0.0	0.75	34.8	35.0	−21.4	41.0	328.6
918	918$_{de}$	0.625	1.0	0.625	1.0	0.375	0.812	150	0.625	1.0	0.68	80.0	−24.7	7.9	25.9	162.2
919	919$_{de}$	0.625	0.875	0.625	0.875	0.25	0.75	150	0.625	0.875	0.661	76.3	−16.4	5.2	17.3	162.2
920	920$_{de}$	0.625	0.75	0.625	0.75	0.125	0.687	150	0.625	0.75	0.643	72.5	−8.2	2.6	8.6	162.2
921	921$_{de}$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	68.8	0.0	0.0	0.0	0.0
922	922$_{de}$	0.625	0.5	0.625	0.625	0.125	0.562	330	0.573	0.5	0.625	61.6	5.8	−3.5	6.8	328.6
923	923$_{de}$	0.625	0.375	0.625	0.625	0.25	0.5	330	0.521	0.375	0.625	54.5	11.6	−7.1	13.6	328.6
924	924$_{de}$	0.625	0.25	0.625	0.625	0.375	0.437	330	0.469	0.25	0.625	47.3	17.5	−10.7	20.5	328.6
925	925$_{de}$	0.625	0.125	0.625	0.625	0.5	0.375	330	0.417	0.125	0.625	40.1	23.3	−14.2	27.3	328.6
926	926$_{de}$	0.625	0.0	0.625	0.625	0.625	0.312	330	0.365	0.0	0.625	33.0	29.2	−17.8	34.2	328.6
927	927$_{de}$	0.5	1.0	0.5	1.0	0.5	0.75	150	0.5	1.0	0.573	74.8	−32.9	10.5	34.6	162.2
928	928$_{de}$	0.5	0.875	0.5	0.875	0.375	0.687	150	0.5	0.875	0.555	71.0	−24.7	7.9	25.9	162.2
929	929$_{de}$	0.5	0.75	0.5	0.75	0.25	0.625	150	0.5	0.75	0.536	67.3	−16.4	5.2	17.3	162.2
930	930$_{de}$	0.5	0.625	0.5	0.625	0.125	0.562	150	0.5	0.625	0.518	63.5	−8.2	2.6	8.6	162.2
931	931$_{de}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	59.8	0.0	0.0	0.0	0.0
932	932$_{de}$	0.5	0.375	0.5	0.5	0.125	0.437	330	0.448	0.375	0.5	52.6	5.8	−3.5	6.8	328.6
933	933$_{de}$	0.5	0.25	0.5	0.5	0.25	0.375	330	0.396	0.249	0.5	45.5	11.6	−7.1	13.6	328.6
934	934$_{de}$	0.5	0.125	0.5	0.5	0.375	0.312	330	0.344	0.124	0.5	38.3	17.5	−10.7	20.5	328.6
935	935$_{de}$	0.5	0.0	0.5	0.5	0.5	0.25	330	0.292	0.0	0.5	31.1	23.3	−14.2	27.3	328.6
936	936$_{de}$	0.375	1.0	0.375	1.0	0.625	0.687	150	0.375	1.0	0.466	69.5	−41.2	13.2	43.2	162.2
937	937$_{de}$	0.375	0.875	0.375	0.875	0.5	0.625	150	0.375	0.875	0.448	65.8	−32.9	10.5	34.6	162.2
938	938$_{de}$	0.375	0.75	0.375	0.75	0.375	0.562	150	0.375	0.75	0.43	62.0	−24.7	7.9	25.9	162.2
939	939$_{de}$	0.375	0.625	0.375	0.625	0.25	0.5	150	0.375	0.625	0.411	58.3	−16.4	5.2	17.3	162.2
940	940$_{de}$	0.375	0.5	0.375	0.5	0.125	0.437	150	0.375	0.5	0.393	54.5	−8.2	2.6	8.6	162.2
941	941$_{de}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	50.8	0.0	0.0	0.0	0.0
942	942$_{de}$	0.375	0.25	0.375	0.375	0.125	0.312	330	0.323	0.249	0.375	43.6	5.8	−3.5	6.8	328.6
943	943$_{de}$	0.375	0.125	0.375	0.375	0.25	0.25	330	0.271	0.124	0.375	36.5	11.6	−7.1	13.6	328.6
944	944$_{de}$	0.375	0.0	0.375	0.375	0.375	0.187	330	0.219	0.0	0.375	29.3	17.5	−10.7	20.5	328.6
945	945$_{de}$	0.25	1.0	0.25	1.0	0.75	0.625	150	0.25	1.0	0.36	64.3	−49.4	15.8	51.9	162.2
946	946$_{de}$	0.25	0.875	0.25	0.875	0.625	0.562	150	0.25	0.875	0.341	60.5	−41.2	13.2	43.2	162.2
947	947$_{de}$	0.25	0.75	0.25	0.75	0.5	0.5	150	0.25	0.75	0.323	56.8	−32.9	10.5	34.6	162.2
948	948$_{de}$	0.25	0.625	0.25	0.625	0.375	0.437	150	0.25	0.625	0.305	53.0	−24.7	7.9	25.9	162.2
949	949$_{de}$	0.25	0.5	0.25	0.5	0.25	0.375	150	0.249	0.5	0.286	49.3	−16.4	5.2	17.3	162.2
950	950$_{de}$	0.25	0.375	0.25	0.375	0.125	0.312	150	0.249	0.375	0.268	45.5	−8.2	2.6	8.6	162.2
951	951$_{de}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	41.8	0.0	0.0	0.0	0.0
952	952$_{de}$	0.25	0.125	0.25	0.25	0.125	0.187	330	0.198	0.124	0.25	34.6	5.8	−3.5	6.8	328.6
953	953$_{de}$	0.25	0.0	0.25	0.25	0.25	0.125	330	0.146	0.0	0.25	27.5	11.6	−7.1	13.6	328.6
954	954$_{de}$	0.125	1.0	0.125	1.0	0.875	0.562	150	0.125	1.0	0.253	59.0	−57.7	18.5	60.6	162.2
955	955$_{de}$	0.125	0.875	0.125	0.875	0.75	0.5	150	0.125	0.875	0.235	55.3	−49.4	15.8	51.9	162.2
956	956$_{de}$	0.125	0.75	0.125	0.75	0.625	0.437	150	0.125	0.75	0.216	51.5	−41.2	13.2	43.2	162.2
957	957$_{de}$	0.125	0.625	0.125	0.625	0.5	0.375	150	0.125	0.625	0.198	47.8	−32.9	10.5	34.6	162.2
958	958$_{de}$	0.125	0.5	0.125	0.5	0.375	0.312	150	0.124	0.5	0.18	44.0	−24.7	7.9	25.9	162.2
959	959$_{de}$	0.125	0.375	0.125	0.375	0.25	0.25	150	0.124	0.375	0.161	40.3	−16.4	5.2	17.3	162.2
960	960$_{de}$	0.125	0.25	0.125	0.25	0.125	0.187	150	0.124	0.25	0.143	36.5	−8.2	2.6	8.6	162.2
961	961$_{de}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	32.8	0.0	0.0	0.0	0.0
962	962$_{de}$	0.125	0.0	0.125	0.125	0.125	0.062	330	0.073	0.0	0.125	25.6	5.8	−3.5	6.8	328.6
963	963$_{de}$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
964	964$_{de}$	0.0	0.875	0.0	0.875	0.875	0.437	150	0.0	0.875	0.128	50.0	−57.7	18.5	60.6	162.2
965	965$_{de}$	0.0	0.75	0.0	0.75	0.75	0.375	150	0.0	0.75	0.11	46.3	−49.4	15.8	51.9	162.2
966	966$_{de}$	0.0	0.625	0.0	0.625	0.625	0.312	150	0.0	0.625	0.091	42.5	−41.2	13.2	43.2	162.2
967	967$_{de}$	0.0	0.5	0.0	0.5	0.5	0.25	150	0.0	0.5	0.073	38.8	−32.9	10.5	34.6	162.2
968	968$_{de}$	0.0	0.375	0.0	0.375	0.375	0.187	150	0.0	0.375	0.055	35.0	−24.7	7.9	25.9	162.2
969	969$_{de}$	0.0	0.25	0.0	0.25	0.25	0.125	150	0.0	0.25	0.036	31.3	−16.4	5.2	17.3	162.2
970	970$_{de}$	0.0	0.125	0.0	0.125	0.125	0.062	150	0.0	0.125	0.018	27.5	−8.2	2.6	8.6	162.2
971	971$_{de}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	23.8	0.0	0.0	0.0	0.0

$cmyn^*_{sep,Fde}$				$h_{siM,de}$	rgb^*_{Mde}			$LabCh^*_{Mde}$				
0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
0.017	0.134	0.0	0.047	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
0.024	0.205	0.0	0.1	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
0.059	0.31	0.0	0.123	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
0.121	0.428	0.0	0.13	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
0.177	0.545	0.0	0.133	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
0.233	0.664	0.0	0.143	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
0.299	0.778	0.0	0.141	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
0.415	1.0	0.0	0.0	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
0.141	0.0	0.123	0.014	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
0.0	0.017	0.018	0.158	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
0.0	0.112	0.002	0.196	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
0.009	0.212	0.0	0.249	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
0.061	0.342	0.0	0.254	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
0.138	0.494	0.0	0.246	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
0.21	0.639	0.0	0.248	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
0.279	0.757	0.0	0.262	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
0.333	0.921	0.0	0.263	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
0.311	0.0	0.25	0.0	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
0.138	0.0	0.135	0.196	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
0.0	0.015	0.029	0.286	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
0.0	0.119	0.01	0.336	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
0.0	0.232	0.001	0.39	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
0.052	0.373	0.0	0.401	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
0.122	0.504	0.0	0.411	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
0.206	0.674	0.0	0.413	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
0.3	0.849	0.0	0.407	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
0.407	0.0	0.376	0.0	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
0.284	0.0	0.28	0.201	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
0.143	0.0	0.176	0.329	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
0.0	0.028	0.063	0.409	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
0.0	0.143	0.034	0.445	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
0.0	0.274	0.034	0.493	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
0.035	0.412	0.0	0.526	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
0.141	0.595	0.0	0.541	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
0.243	0.791	0.0	0.543	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
0.515	0.0	0.498	0.0	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
0.407	0.0	0.41	0.194	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
0.3	0.0	0.327	0.323	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
0.154	0.0	0.198	0.436	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
0.0	0.029	0.059	0.51	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
0.0	0.177	0.054	0.553	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
0.0	0.298	0.03	0.614	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
0.048	0.492	0.0	0.643	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
0.158	0.714	0.0	0.651	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
0.622	0.0	0.561	0.125	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
0.551	0.0	0.527	0.192	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
0.425	0.0	0.471	0.317	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
0.319	0.0	0.37	0.44	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
0.187	0.0	0.229	0.547	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
0.0	0.026	0.052	0.629	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
0.0	0.195	0.06	0.661	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
0.003	0.376	0.0	0.71	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
0.057	0.602	0.0	0.749	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
0.717	0.0	0.63	0.125	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
0.678	0.0	0.616	0.189	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
0.604	0.0	0.579	0.286	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
0.483	0.0	0.503	0.411	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
0.352	0.0	0.409	0.531	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
0.19	0.0	0.271	0.642	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
0.0	0.032	0.082	0.716	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
0.0	0.238	0.046	0.765	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
0.032	0.522	0.0	0.817	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
0.841	0.0	0.701	0.125	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
0.807	0.0	0.709	0.199	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
0.745	0.0	0.692	0.301	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
0.641	0.0	0.633	0.417	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
0.539	0.0	0.582	0.533	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
0.425	0.0	0.487	0.656	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
0.262	0.0	0.333	0.765	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
0.0	0.054	0.11	0.815	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
0.018	0.379	0.0	0.924	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6
0.943	0.0	0.798	0.125	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
0.877	0.0	0.782	0.25	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
0.794	0.0	0.731	0.412	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
0.728	0.0	0.727	0.499	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
0.694	0.0	0.714	0.614	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
0.686	0.0	0.686	0.75	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
0.484	0.0	0.484	0.874	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
0.279	0.0	0.279	0.944	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0
			delta									

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PI490−7N, 20/22−F

Grafico TUB-PI49; grafico per il test colori e la differenza, $\Delta E'^*$, 3D=1, de=1, *cmyk**

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

iscrizione TUB: 20160501-PI49/PI49L0FA.TXT /.PS
Applicatione per la misura dell'output output della stampante laser, separazione cmyn6* (CMYK)
TUB materiale: code=rha4ta

vedi file simili: http://farbe.li.tu-berlin.de/PI49/PI49.HTM
informazioni tecniche: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

iscrizione TUB: 20160501-PI49/PI49L0FA.TXT /.PS
Applicatione per la misura dell'output output della stampante laser, separazione cmyn6* (CMYK)

TUB materiale: code=rha4ta

n	HIC*$_{Fde}$	*rgb*$_{Fde}$			*ict*$_{Fde}$			$h_{si_F,de}$	*rgb**$_{Fde}$			*LabCh**$_{Fde}$				*cmyn**$_{sep,Fde}$				$h_{siM,de}$	*rgb**$_{Mde}$			*LabCh**$_{Mde}$			
972	972$_{de}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	23.8	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
973	973$_{de}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	32.8	0.0	0.0	0.0	0.0	0.054	0.11	0.815	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
974	974$_{de}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	41.8	0.0	0.0	0.0	0.0	0.032	0.082	0.716	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
975	975$_{de}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	50.8	0.0	0.0	0.0	0.0	0.026	0.052	0.629	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
976	976$_{de}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	59.8	0.0	0.0	0.0	0.0	0.029	0.059	0.51	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
977	977$_{de}$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	68.8	0.0	0.0	0.0	0.0	0.028	0.063	0.409	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
978	978$_{de}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	77.8	0.0	0.0	0.0	0.0	0.015	0.029	0.286	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
979	979$_{de}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.8	0.0	0.0	0.0	0.0	0.017	0.018	0.158	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
980	980$_{de}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
981	981$_{de}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	23.8	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
982	982$_{de}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	32.8	0.0	0.0	0.0	0.0	0.054	0.11	0.815	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
983	983$_{de}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	41.8	0.0	0.0	0.0	0.0	0.032	0.082	0.716	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
984	984$_{de}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	50.8	0.0	0.0	0.0	0.0	0.026	0.052	0.629	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
985	985$_{de}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	59.8	0.0	0.0	0.0	0.0	0.029	0.059	0.51	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
986	986$_{de}$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	68.8	0.0	0.0	0.0	0.0	0.028	0.063	0.409	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
987	987$_{de}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	77.8	0.0	0.0	0.0	0.0	0.015	0.029	0.286	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
988	988$_{de}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.8	0.0	0.0	0.0	0.0	0.017	0.018	0.158	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
989	989$_{de}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
990	990$_{de}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	23.8	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
991	991$_{de}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	32.8	0.0	0.0	0.0	0.0	0.054	0.11	0.815	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
992	992$_{de}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	41.8	0.0	0.0	0.0	0.0	0.032	0.082	0.716	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
993	993$_{de}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	50.8	0.0	0.0	0.0	0.0	0.026	0.052	0.629	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
994	994$_{de}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	59.8	0.0	0.0	0.0	0.0	0.029	0.059	0.51	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
995	995$_{de}$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	68.8	0.0	0.0	0.0	0.0	0.028	0.063	0.409	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
996	996$_{de}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	77.8	0.0	0.0	0.0	0.0	0.015	0.029	0.286	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
997	997$_{de}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.8	0.0	0.0	0.0	0.0	0.017	0.018	0.158	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
998	998$_{de}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
999	999$_{de}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	23.8	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1000	1000$_{de}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	32.8	0.0	0.0	0.0	0.0	0.054	0.11	0.815	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1001	1001$_{de}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	41.8	0.0	0.0	0.0	0.0	0.032	0.082	0.716	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1002	1002$_{de}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	50.8	0.0	0.0	0.0	0.0	0.026	0.052	0.629	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1003	1003$_{de}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	59.8	0.0	0.0	0.0	0.0	0.029	0.059	0.51	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1004	1004$_{de}$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	68.8	0.0	0.0	0.0	0.0	0.028	0.063	0.409	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1005	1005$_{de}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	77.8	0.0	0.0	0.0	0.0	0.015	0.029	0.286	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1006	1006$_{de}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.8	0.0	0.0	0.0	0.0	0.017	0.018	0.158	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1007	1007$_{de}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1008	1008$_{de}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	23.8	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1009	1009$_{de}$	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	28.6	0.0	0.0	0.0	0.0	0.016	0.054	0.865	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1010	1010$_{de}$	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	33.4	0.0	0.0	0.0	0.0	0.053	0.109	0.809	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1011	1011$_{de}$	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	38.2	0.0	0.0	0.0	0.0	0.034	0.068	0.76	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1012	1012$_{de}$	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	42.9	0.0	0.0	0.0	0.0	0.039	0.092	0.701	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1013	1013$_{de}$	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	47.8	0.0	0.0	0.0	0.0	0.044	0.085	0.652	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1014	1014$_{de}$	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	52.6	0.0	0.0	0.0	0.0	0.023	0.048	0.608	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1015	1015$_{de}$	0.466	0.466	0.466	0.466	0.0	0.466	360	0.466	0.466	0.466	57.3	0.0	0.0	0.0	0.0	0.038	0.078	0.539	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1016	1016$_{de}$	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	62.2	0.0	0.0	0.0	0.0	0.017	0.04	0.482	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1017	1017$_{de}$	0.6	0.6	0.6	0.6	0.0	0.6	360	0.6	0.6	0.6	67.0	0.0	0.0	0.0	0.0	0.028	0.064	0.427	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1018	1018$_{de}$	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	71.7	0.0	0.0	0.0	0.0	0.015	0.038	0.381	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1019	1019$_{de}$	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	76.6	0.0	0.0	0.0	0.0	0.017	0.033	0.301	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1020	1020$_{de}$	0.8	0.8	0.8	0.8	0.0	0.8	360	0.8	0.8	0.8	81.4	0.0	0.0	0.0	0.0	0.01	0.011	0.23	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1021	1021$_{de}$	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	86.1	0.0	0.0	0.0	0.0	0.019	0.02	0.164	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1022	1022$_{de}$	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	91.0	0.0	0.0	0.0	0.0	0.016	0.005	0.103	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1023	1023$_{de}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1024	1024$_{de}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	23.8	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1025	1025$_{de}$	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	28.6	0.0	0.0	0.0	0.0	0.016	0.054	0.865	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1026	1026$_{de}$	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	33.4	0.0	0.0	0.0	0.0	0.053	0.109	0.809	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1027	1027$_{de}$	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	38.2	0.0	0.0	0.0	0.0	0.034	0.068	0.76	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1028	1028$_{de}$	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	42.9	0.0	0.0	0.0	0.0	0.039	0.092	0.701	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1029	1029$_{de}$	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	47.8	0.0	0.0	0.0	0.0	0.044	0.085	0.652	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1030	1030$_{de}$	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	52.6	0.0	0.0	0.0	0.0	0.023	0.048	0.608	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1031	1031$_{de}$	0.466	0.466	0.466	0.466	0.0	0.466	360	0.466	0.466	0.466	57.3	0.0	0.0	0.0	0.0	0.038	0.078	0.539	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1032	1032$_{de}$	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	62.2	0.0	0.0	0.0	0.0	0.017	0.04	0.482	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1033	1033$_{de}$	0.6	0.6	0.6	0.6	0.0	0.6	360	0.6	0.6	0.6	67.0	0.0	0.0	0.0	0.0	0.028	0.064	0.427	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1034	1034$_{de}$	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	71.7	0.0	0.0	0.0	0.0	0.015	0.038	0.381	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1035	1035$_{de}$	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	76.6	0.0	0.0	0.0	0.0	0.017	0.033	0.301	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1036	1036$_{de}$	0.8	0.8	0.8	0.8	0.0	0.8	360	0.8	0.8	0.8	81.4	0.0	0.0	0.0	0.0	0.01	0.011	0.23	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1037	1037$_{de}$	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	86.1	0.0	0.0	0.0	0.0	0.019	0.02	0.164	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1038	1038$_{de}$	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	91.0	0.0	0.0	0.0	0.0	0.016	0.005	0.103	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1039	1039$_{de}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1040	1040$_{de}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	23.8	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1041	1041$_{de}$	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	28.6	0.0	0.0	0.0	0.0	0.016	0.054	0.865	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1042	1042$_{de}$	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	33.4	0.0	0.0	0.0	0.0	0.053	0.109	0.809	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1043	1043$_{de}$	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	38.2	0.0	0.0	0.0	0.0	0.034	0.068	0.76	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1044	1044$_{de}$	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	42.9	0.0	0.0	0.0	0.0	0.039	0.092	0.701	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1045	1045$_{de}$	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	47.8	0.0	0.0	0.0	0.0	0.044	0.085	0.652	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1046	1046$_{de}$	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	52.6	0.0	0.0	0.0	0.0	0.023	0.048	0.608	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1047	1047$_{de}$	0.466	0.466	0.466	0.466	0.0	0.466	360	0.466	0.466	0.466	57.3	0.0	0.0	0.0	0.0	0.038	0.078	0.539	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1048	1048$_{de}$	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	62.2	0.0	0.0	0.0	0.0	0.017	0.04	0.482	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1049	1049$_{de}$	0.6	0.6	0.6	0.6	0.0	0.6	360	0.6	0.6	0.6	67.0	0.0	0.0	0.0	0.0	0.028	0.064	0.427	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1050	1050$_{de}$	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	71.7	0.0	0.0	0.0	0.0	0.015	0.038	0.381	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1051	1051$_{de}$	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	76.6	0.0	0.0	0.0	0.0	0.017	0.033	0.301	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1052	1052$_{de}$	0.8	0.8	0.8	0.8	0.0	0.8	360	0.8	0.8	0.8	81.4	0.0	0.0	0.0	0.0	0.01	0.011	0.23	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0

delta

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PI490−7N, 21/22−F

vedi file simili: http://farbe.li.tu-berlin.de/PI49/PI49.HTM
informazioni tecniche: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

Grafico TUB-PI49; grafico per il test colori e la differenza, $\Delta E'^*$, 3D=1, de=1, *cmyk**

Input: *rgb/cmyk* −> *rgb*$_{de}$
Output: 3D-linearizzazione a *cmyk**$_{de}$

n	HIC*$_{Fde}$	*rgb*$_{Fde}$			*ict*$_{Fde}$			$h_{si_F,de}$	*rgb**$_{Fde}$			*LabCh**$_{Fde}$				*cmyn**$_{sep,Fde}$				$h_{siM,de}$	*rgb**$_{Mde}$			*LabCh**$_{Mde}$			
1053	1053_{de}	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	86.1	0.0	0.0	0.0	0.0	0.019	0.02	0.164	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1054	1054_{de}	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	91.0	0.0	0.0	0.0	0.0	0.016	0.005	0.103	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1055	1055_{de}	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1056	1056_{de}	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	23.8	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1057	1057_{de}	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	28.6	0.0	0.0	0.0	0.0	0.016	0.054	0.865	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1058	1058_{de}	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	33.4	0.0	0.0	0.0	0.0	0.053	0.109	0.809	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1059	1059_{de}	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	38.2	0.0	0.0	0.0	0.0	0.034	0.068	0.76	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1060	1060_{de}	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	42.9	0.0	0.0	0.0	0.0	0.039	0.092	0.701	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1061	1061_{de}	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	47.8	0.0	0.0	0.0	0.0	0.044	0.085	0.652	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1062	1062_{de}	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	52.6	0.0	0.0	0.0	0.0	0.023	0.048	0.608	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1063	1063_{de}	0.466	0.466	0.466	0.466	0.0	0.466	360	0.466	0.466	0.466	57.3	0.0	0.0	0.0	0.0	0.038	0.078	0.539	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1064	1064_{de}	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	62.2	0.0	0.0	0.0	0.0	0.017	0.04	0.482	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1065	1065_{de}	0.6	0.6	0.6	0.6	0.0	0.6	360	0.6	0.6	0.6	67.0	0.0	0.0	0.0	0.0	0.028	0.064	0.427	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1066	1066_{de}	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	71.7	0.0	0.0	0.0	0.0	0.015	0.038	0.381	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1067	1067_{de}	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	76.6	0.0	0.0	0.0	0.0	0.017	0.033	0.301	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1068	1068_{de}	0.8	0.8	0.8	0.8	0.0	0.8	360	0.8	0.8	0.8	81.4	0.0	0.0	0.0	0.0	0.01	0.011	0.23	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1069	1069_{de}	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	86.1	0.0	0.0	0.0	0.0	0.019	0.02	0.164	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1070	1070_{de}	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	91.0	0.0	0.0	0.0	0.0	0.016	0.005	0.103	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1071	1071_{de}	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1072	1072_{de}	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	23.8	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1073	1073_{de}	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.8	0.0	0.0	0.0
1074	1074_{de}	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4	0.0	1.0	0.735	0.0	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4
1075	1075_{de}	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9	1.0	0.0	0.2	0.0	198	0.0	1.0	0.791	54.9	−38.7	−29.1	48.4	216.9
1076	1076_{de}	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3	0.0	0.231	0.999	0.001	77	1.0	0.768	0.0	83.6	−3.1	76.8	76.9	92.3
1077	1077_{de}	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7	1.0	0.738	0.0	0.0	255	0.0	0.261	1.0	37.3	1.4	−48.6	48.7	271.7
1078	1078_{de}	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2	0.943	0.0	0.798	0.125	157	0.0	1.0	0.146	53.8	−65.9	21.1	69.2	162.2
1079	1079_{de}	1.0	0.0	1.0	1.0	1.0	0.5	330	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6	0.415	1.0	0.0	0.0	305	0.584	0.0	1.0	38.5	46.7	−28.5	54.7	328.6

delta

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PI490−7N, 22/22−F

Grafico TUB-PI49; grafico per il test
colori e la differenza, $\Delta E'$*, 3D=1, de=1, *cmyk**

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

vedi file simili: http://farbe.li.tu-berlin.de/PI49/PI49.HTM
informazioni tecniche: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

iscrizione TUB: 20160501-PI49/PI49L0FA.TXT /.PS
Applicatione per la misura dell'output output della stampante laser, separazione cmyn6* (CMYK)
TUB materiale: code=rha4ta