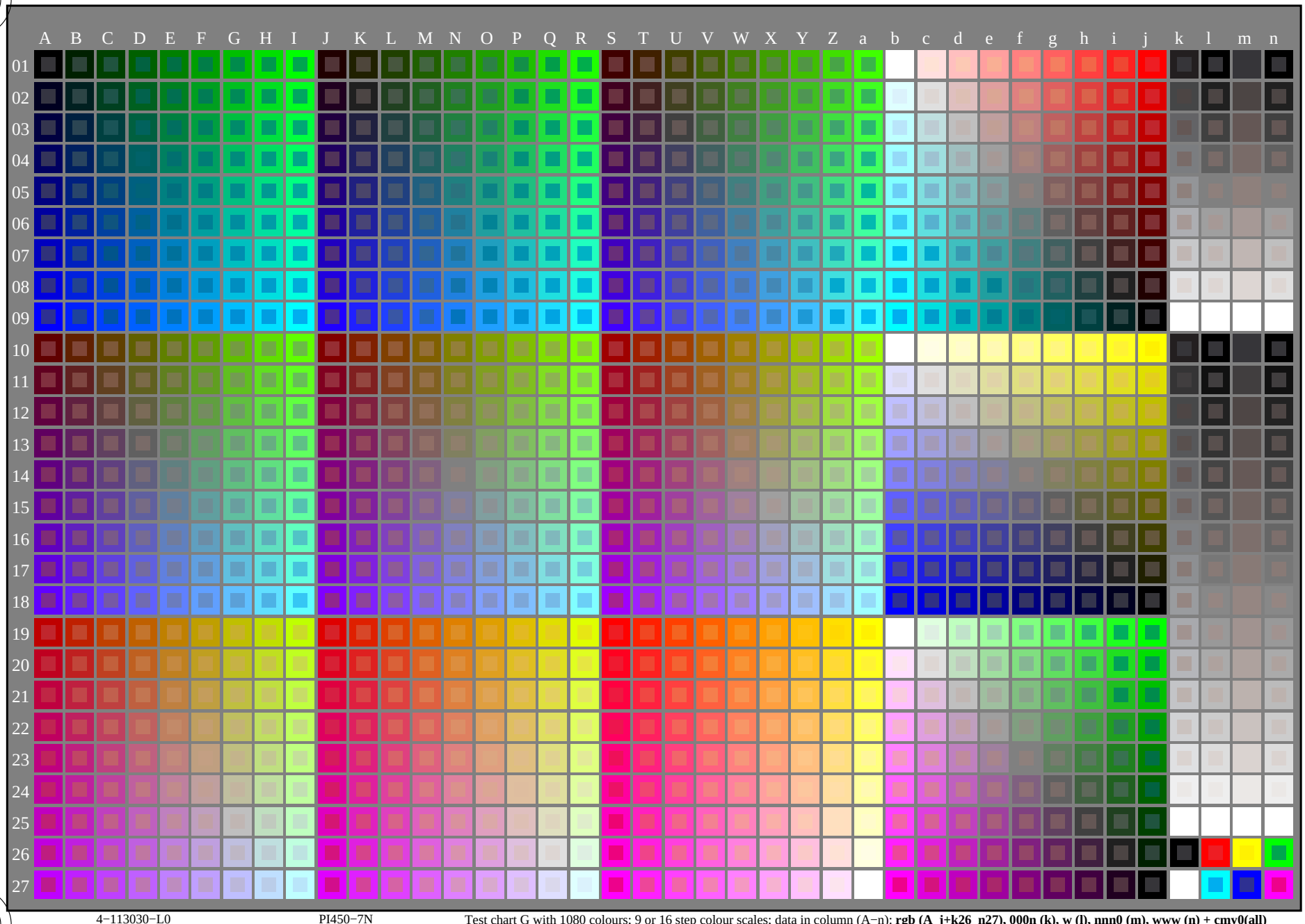
http://farbe.li.tu-berlin.de/PI45/PI45L0FA.TXT /.PS; inizio dell'output
F: linearizzazione 3D PI45/PI45LI30FA.DAT nel file (F), pagine 1/22



vedi file simili: http://farbe.li.tu-berlin.de/PI45/PI45.HTM
informazioni tecniche: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

iscrizione TUB: 20160501-PI45/PI45L0FA.TXT /.PS
Applicatione per la misura dell'output output nella stampa di offset

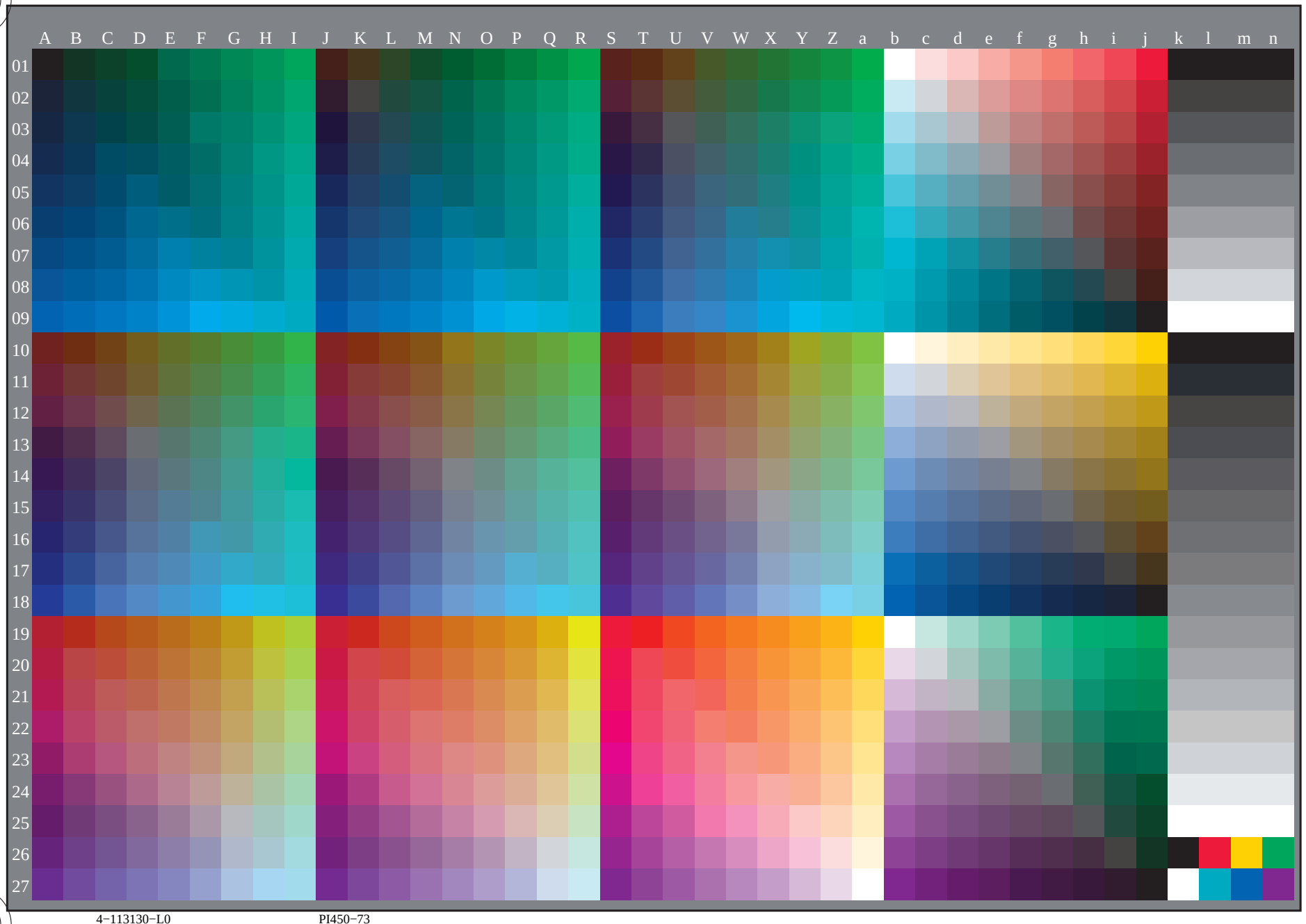
TUB materiale: code=rha4ta

4−113030−L0 PI450−7N 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-PI45; 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/PI45/PI45L0FA.TXT /.PS; linearizzazione 3D
F: linearizzazione 3D PI45/PI45LI30FA.DAT nel file (F), pagine 2/22



vedi file simili: http://farbe.li.tu-berlin.de/PI45/PI45.HTM
informazioni tecniche: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

iscrizione TUB: 20160501-PI45/PI45L0FA.TXT /.PS
Applicatione per la misura dell'output output nella stampa di offset, separazione cmyn6* (CMYK)

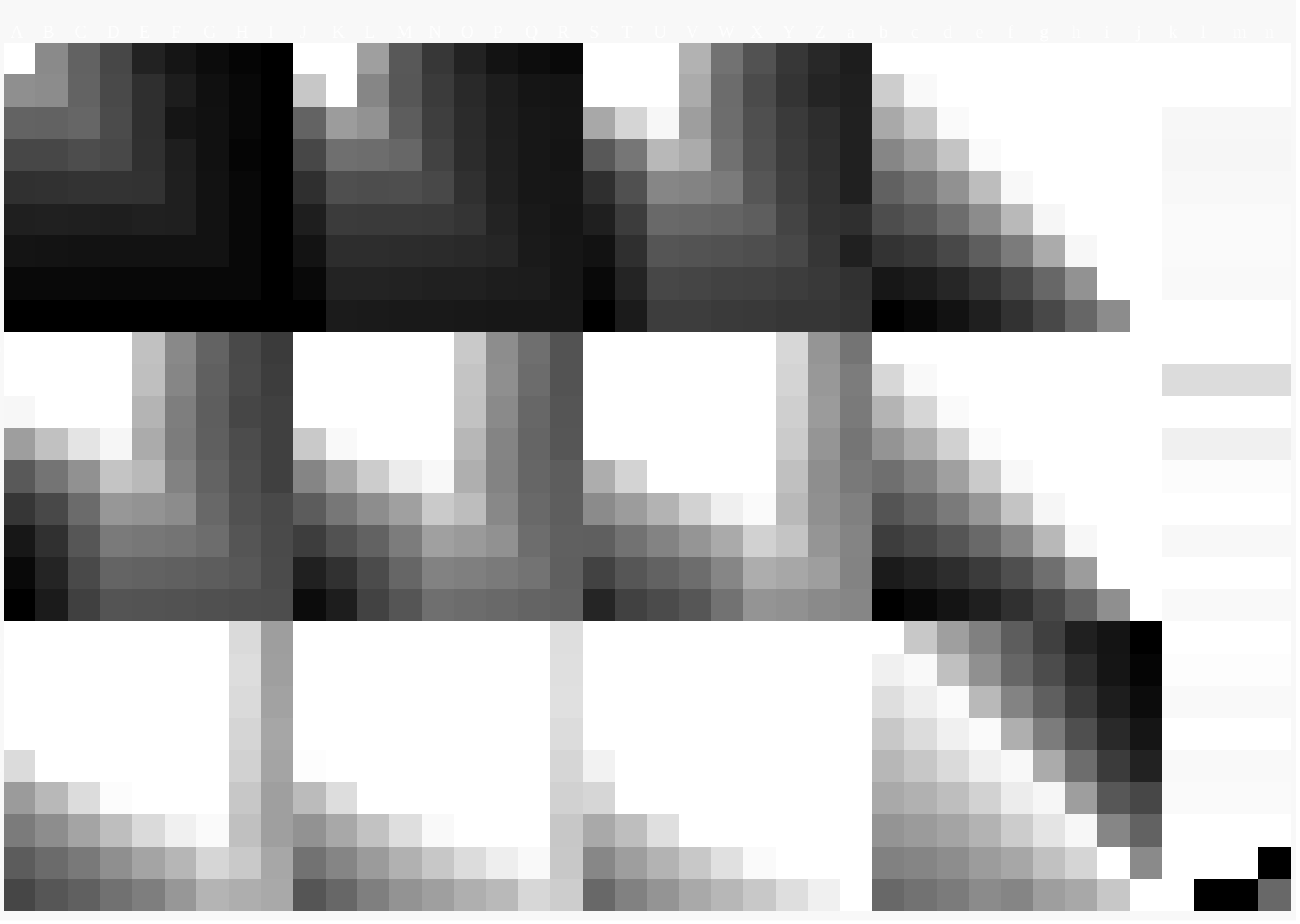
TUB materiale: code=rha4ta

4−113130−L0 PI450−73

Grafico TUB-PI45; 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

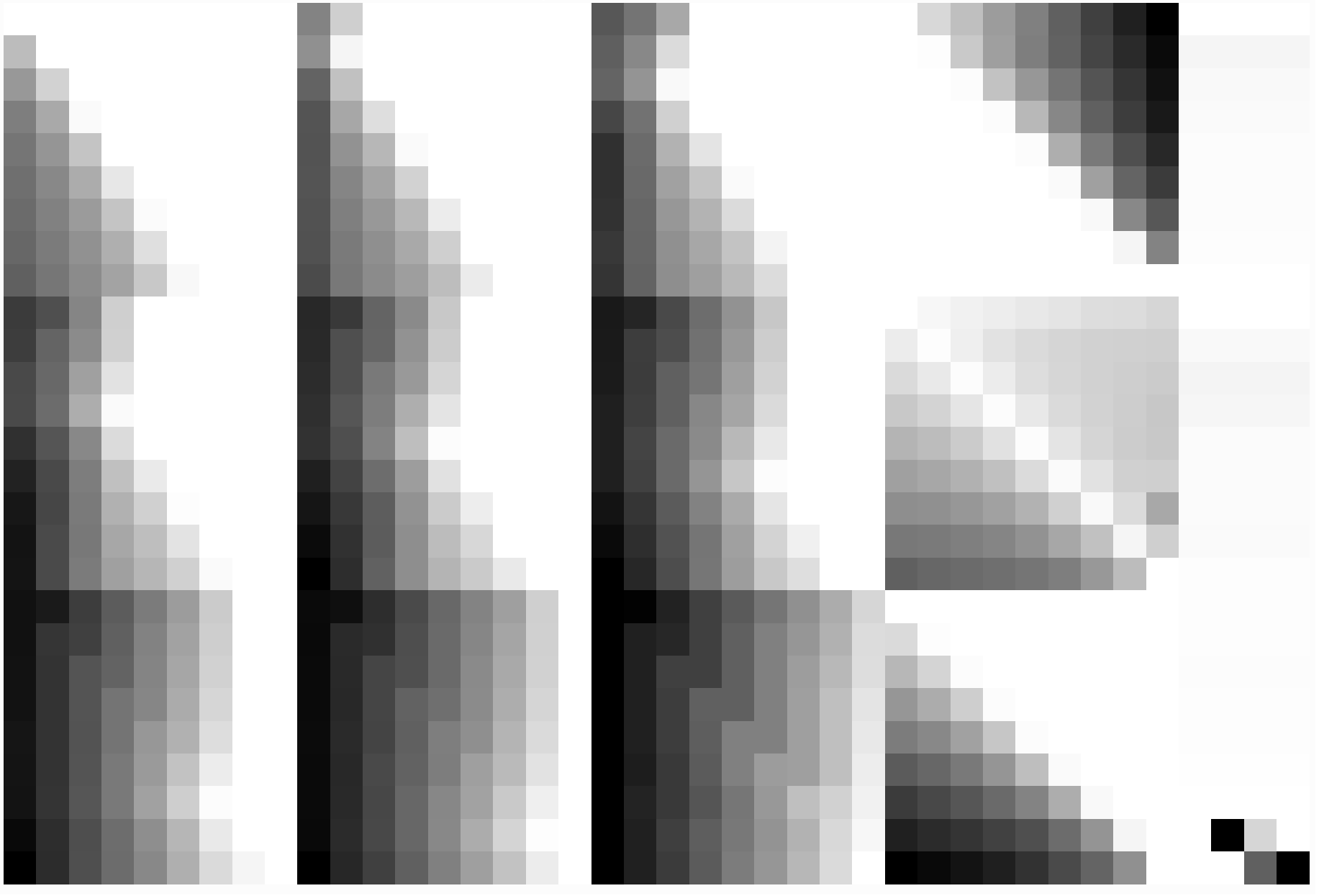


4−113230−L0 PI450−73

Grafico TUB-PI45; 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-PI45/PI45L0FA.TXT /.PS
Applicatione per la misura dell'output output nella stampa di offset, separazione cmyn6* (CMYK)

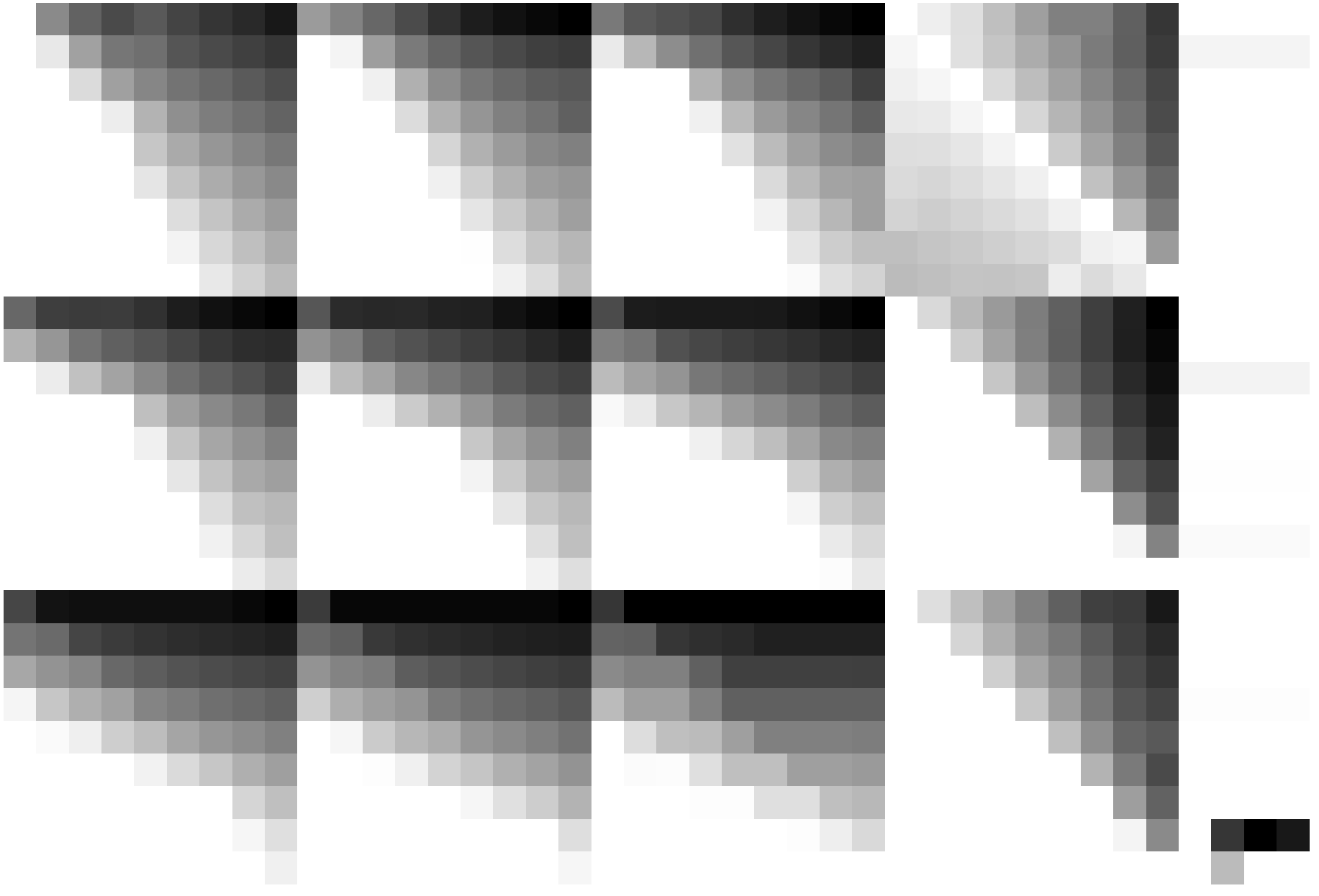
TUB materiale: code=rha4ta

vedi file simili: http://farbe.li.tu-berlin.de/PI45/PI45.HTM
informazioni tecniche: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

4−113330−L0 PI450−73 4−113330−F0

Grafico TUB-PI45; grafico per il test
1080 colori di norma, 3D=1, de=1, *cmyk**

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

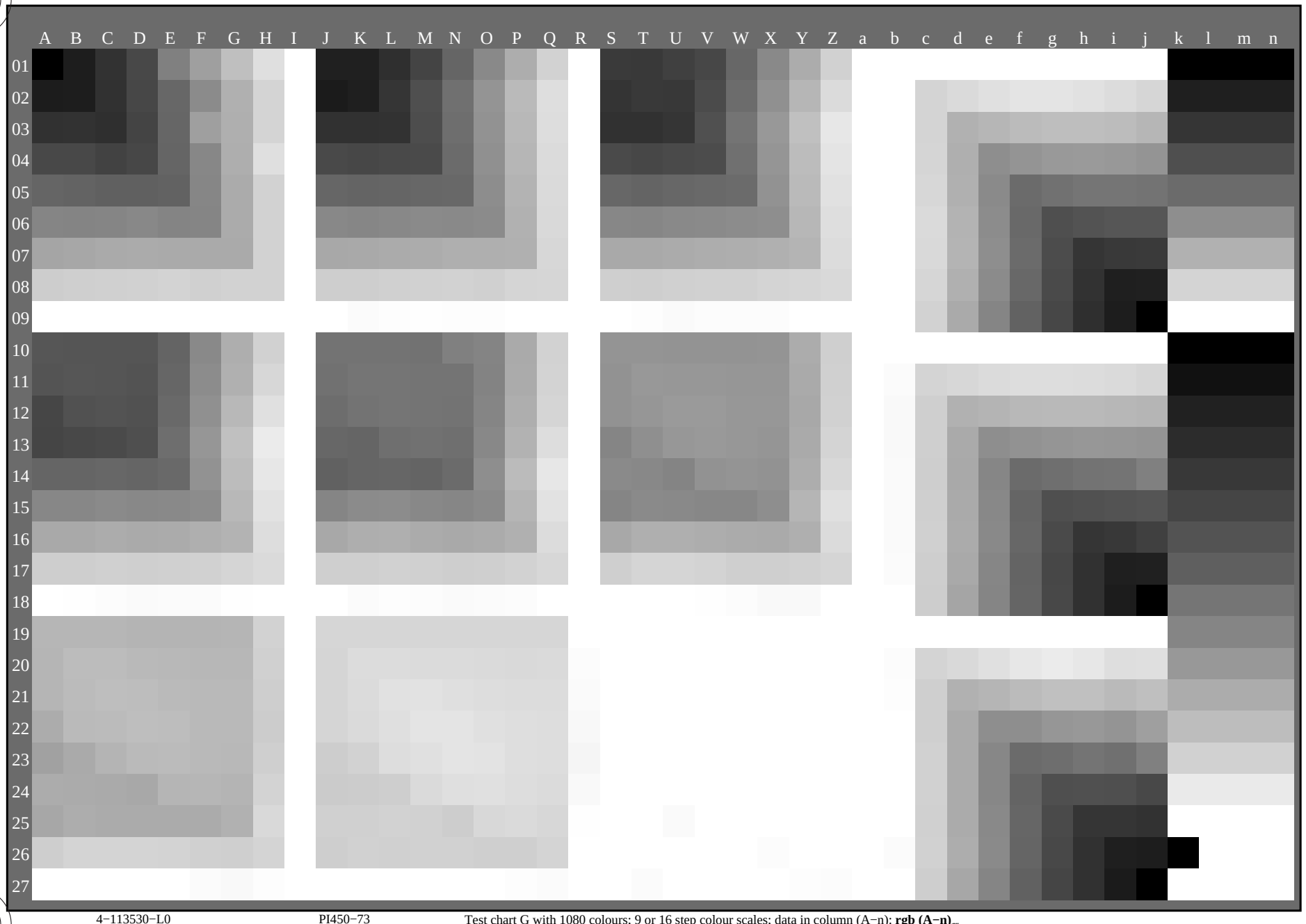


4−113430−L0 PI450−73

Grafico TUB-PI45; 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



vedi file simili: http://farbe.li.tu-berlin.de/PI45/PI45.HTM
informazioni tecniche: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

iscrizione TUB: 20160501-PI45/PI45L0FA.TXT /.PS
Applicatione per la misura dell'output output nella stampa di offset, separazione cmyn6* (CMYK)

TUB materiale: code=rha4ta

4−113530−L0 PI450−73 Test chart G with 1080 colours; 9 or 16 step colour scales; data in column (A−n): **rgb (A−n)**

Grafico TUB-PI45; 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_Fde}	*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	0.209	47.6	64.9	30.9	71.9	25.4	0.0	1.0	0.789	0.0	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
1/657	R13Y_100_100$_{de}$	1.0	0.125	0.0	1.0	1.0	0.5	37	1.0	0.007	0.0	47.5	63.3	41.5	75.7	33.2	0.0	0.992	1.0	0.0	30	1.0	0.007	0.0	47.5	63.3	41.5	75.7	33.2
2/666	R25Y_100_100$_{de}$	1.0	0.25	0.0	1.0	1.0	0.5	44	1.0	0.133	0.0	51.5	54.2	47.2	71.9	41.0	0.0	0.866	1.0	0.0	37	1.0	0.133	0.0	51.5	54.2	47.2	71.9	41.0
3/675	R38Y_100_100$_{de}$	1.0	0.375	0.0	1.0	1.0	0.5	52	1.0	0.249	0.0	56.0	44.4	52.9	69.1	49.9	0.0	0.749	1.0	0.0	43	1.0	0.249	0.0	56.0	44.4	52.9	69.1	49.9
4/684	R50Y_100_100$_{de}$	1.0	0.5	0.0	1.0	1.0	0.5	60	1.0	0.349	0.0	60.3	35.6	59.0	68.9	58.8	0.0	0.649	1.0	0.0	50	1.0	0.349	0.0	60.3	35.6	59.0	68.9	58.8
5/693	R63Y_100_100$_{de}$	1.0	0.625	0.0	1.0	1.0	0.5	68	1.0	0.455	0.0	65.1	26.6	65.2	70.4	67.8	0.0	0.542	1.0	0.0	57	1.0	0.455	0.0	65.1	26.6	65.2	70.4	67.8
6/702	R75Y_100_100$_{de}$	1.0	0.75	0.0	1.0	1.0	0.5	76	1.0	0.563	0.0	70.4	17.0	72.2	74.1	76.7	0.0	0.435	1.0	0.0	64	1.0	0.563	0.0	70.4	17.0	72.2	74.1	76.7
7/711	R88Y_100_100$_{de}$	1.0	0.875	0.0	1.0	1.0	0.5	83	1.0	0.675	0.0	75.9	7.5	79.0	79.4	84.5	0.0	0.325	1.0	0.0	71	1.0	0.675	0.0	75.9	7.5	79.0	79.4	84.5
8/720	Y00G_100_100$_{de}$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3	0.0	0.159	1.0	0.0	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
9/639	Y13G_100_100$_{de}$	0.875	1.0	0.0	1.0	1.0	0.5	97	0.871	1.0	0.0	85.7	−16.3	88.4	89.9	100.4	0.129	0.0	1.0	0.0	96	0.871	1.0	0.0	85.7	−16.3	88.4	89.9	100.4
10/558	Y25G_100_100$_{de}$	0.75	1.0	0.0	1.0	1.0	0.5	104	0.619	1.0	0.0	76.9	−25.5	75.9	80.1	108.6	0.381	0.0	1.0	0.0	112	0.619	1.0	0.0	76.9	−25.5	75.9	80.1	108.6
11/477	Y38G_100_100$_{de}$	0.625	1.0	0.0	1.0	1.0	0.5	112	0.454	1.0	0.0	71.3	−33.5	63.2	71.5	117.9	0.544	0.0	1.0	0.0	122	0.454	1.0	0.0	71.3	−33.5	63.2	71.5	117.9
12/396	Y50G_100_100$_{de}$	0.5	1.0	0.0	1.0	1.0	0.5	120	0.326	1.0	0.0	65.8	−41.4	54.4	68.3	127.2	0.672	0.0	1.0	0.0	131	0.326	1.0	0.0	65.8	−41.4	54.4	68.3	127.2
13/315	Y63G_100_100$_{de}$	0.375	1.0	0.0	1.0	1.0	0.5	128	0.229	1.0	0.0	60.2	−49.1	46.4	67.6	136.5	0.77	0.0	1.0	0.0	137	0.229	1.0	0.0	60.2	−49.1	46.4	67.6	136.5
14/234	Y75G_100_100$_{de}$	0.25	1.0	0.0	1.0	1.0	0.5	136	0.113	1.0	0.0	56.9	−56.3	38.1	68.0	145.9	0.886	0.0	1.0	0.0	144	0.113	1.0	0.0	56.9	−56.3	38.1	68.0	145.9
15/153	Y88G_100_100$_{de}$	0.125	1.0	0.0	1.0	1.0	0.5	143	0.035	1.0	0.0	53.5	−65.0	31.6	72.3	154.0	0.964	0.0	1.0	0.0	148	0.035	1.0	0.0	53.5	−65.0	31.6	72.3	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	0.093	52.4	−67.1	21.5	70.5	162.2	1.0	0.0	0.905	0.0	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	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	0.209	53.0	−63.5	12.8	64.8	168.6	1.0	0.0	0.788	0.0	161	0.0	1.0	0.209	53.0	−63.5	12.8	64.8	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	0.299	53.6	−60.2	5.2	60.4	175.0	1.0	0.0	0.697	0.0	166	0.0	1.0	0.299	53.6	−60.2	5.2	60.4	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	0.387	54.1	−56.4	−2.2	56.5	182.3	1.0	0.0	0.61	0.0	172	0.0	1.0	0.387	54.1	−56.4	−2.2	56.5	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	0.46	54.6	−53.2	−9.0	53.9	189.6	1.0	0.0	0.535	0.0	177	0.0	1.0	0.46	54.6	−53.2	−9.0	53.9	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	0.533	55.1	−49.6	−15.0	51.9	196.9	1.0	0.0	0.463	0.0	182	0.0	1.0	0.533	55.1	−49.6	−15.0	51.9	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	0.607	55.6	−46.0	−20.7	50.5	204.2	1.0	0.0	0.392	0.0	187	0.0	1.0	0.607	55.6	−46.0	−20.7	50.5	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	0.671	56.1	−43.0	−25.4	50.0	210.5	1.0	0.0	0.327	0.0	191	0.0	1.0	0.671	56.1	−43.0	−25.4	50.0	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	0.735	56.6	−39.7	−29.9	49.8	216.9	1.0	0.0	0.264	0.0	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	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	0.819	57.2	−36.5	−34.5	50.2	223.3	1.0	0.0	0.18	0.0	200	0.0	1.0	0.819	57.2	−36.5	−34.5	50.2	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	0.909	57.7	−33.0	−39.1	51.2	229.7	1.0	0.0	0.09	0.0	205	0.0	1.0	0.909	57.7	−33.0	−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	0.973	1.0	57.7	−28.3	−43.8	52.2	237.0	1.0	0.026	0.0	0.0	211	0.0	0.973	1.0	57.7	−28.3	−43.8	52.2	237.0
28/44	C50B_100_100$_{de}$	0.0	0.5	1.0	1.0	1.0	0.5	240	0.0	0.784	1.0	52.7	−21.1	−44.1	48.9	244.3	1.0	0.216	0.0	0.0	221	0.0	0.784	1.0	52.7	−21.1	−44.1	48.9	244.3
29/35	C63B_100_100$_{de}$	0.0	0.375	1.0	1.0	1.0	0.5	248	0.0	0.642	1.0	48.3	−14.7	−44.4	46.8	251.6	0.999	0.358	0.0	0.0	230	0.0	0.642	1.0	48.3	−14.7	−44.4	46.8	251.6
30/26	C75B_100_100$_{de}$	0.0	0.25	1.0	1.0	1.0	0.5	256	0.0	0.543	1.0	44.5	−8.7	−44.9	45.8	258.9	1.0	0.453	0.0	0.0	237	0.0	0.543	1.0	44.5	−8.7	−44.9	45.8	258.9
31/17	C88B_100_100$_{de}$	0.0	0.125	1.0	1.0	1.0	0.5	263	0.0	0.46	1.0	41.2	−3.6	−45.2	45.4	265.3	1.0	0.536	0.0	0.0	242	0.0	0.46	1.0	41.2	−3.6	−45.2	45.4	265.3
32/8	B00M_100_100$_{de}$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7	0.999	0.623	0.0	0.0	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
33/89	B13M_100_100$_{de}$	0.125	0.0	1.0	1.0	1.0	0.5	277	0.0	0.291	1.0	34.8	6.7	−45.9	46.4	278.3	1.0	0.706	0.0	0.0	253	0.0	0.291	1.0	34.8	6.7	−45.9	46.4	278.3
34/170	B25M_100_100$_{de}$	0.25	0.0	1.0	1.0	1.0	0.5	284	0.0	0.201	1.0	31.5	12.4	−46.5	48.2	285.0	1.0	0.796	0.0	0.0	259	0.0	0.201	1.0	31.5	12.4	−46.5	48.2	285.0
35/251	B38M_100_100$_{de}$	0.375	0.0	1.0	1.0	1.0	0.5	292	0.0	0.078	1.0	27.4	19.6	−47.2	51.1	292.5	1.0	0.92	0.0	0.0	265	0.0	0.078	1.0	27.4	19.6	−47.2	51.1	292.5
36/332	B50M_100_100$_{de}$	0.5	0.0	1.0	1.0	1.0	0.5	300	0.045	0.0	1.0	26.7	26.6	−45.8	52.9	300.1	0.954	1.0	0.0	0.0	272	0.045	0.0	1.0	26.7	26.6	−45.8	52.9	300.1
37/413	B63M_100_100$_{de}$	0.625	0.0	1.0	1.0	1.0	0.5	308	0.146	0.0	1.0	29.7	32.5	−42.0	53.2	307.7	0.853	1.0	0.0	0.0	277	0.146	0.0	1.0	29.7	32.5	−42.0	53.2	307.7
38/494	B75M_100_100$_{de}$	0.75	0.0	1.0	1.0	1.0	0.5	316	0.273	0.0	1.0	31.9	38.4	−38.0	54.0	315.3	0.725	1.0	0.0	0.0	285	0.273	0.0	1.0	31.9	38.4	−38.0	54.0	315.3
39/575	B88M_100_100$_{de}$	0.875	0.0	1.0	1.0	1.0	0.5	323	0.332	0.0	1.0	33.0	43.9	−34.3	55.7	321.9	0.665	1.0	0.0	0.0	289	0.332	0.0	1.0	33.0	43.9	−34.3	55.7	321.9
40/656	M00R_100_100$_{de}$	1.0	0.0	1.0	1.0	1.0	0.5	330	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6	0.59	1.0	0.0	0.0	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
41/655	M13R_100_100$_{de}$	1.0	0.0	0.875	1.0	1.0	0.5	337	0.528	0.0	1.0	38.6	55.0	−25.3	60.6	335.2	0.469	1.0	0.0	0.0	301	0.528	0.0	1.0	38.6	55.0	−25.3	60.6	335.2
42/654	M25R_100_100$_{de}$	1.0	0.0	0.75	1.0	1.0	0.5	344	0.661	0.0	1.0	41.6	61.0	−19.9	64.2	341.8	0.338	1.0	0.0	0.0	310	0.661	0.0	1.0	41.6	61.0	−19.9	64.2	341.8
43/653	M38R_100_100$_{de}$	1.0	0.0	0.625	1.0	1.0	0.5	352	0.841	0.0	1.0	45.2	68.5	−12.7	69.7	349.4	0.158	0.999	0.0	0.0	321	0.841	0.0	1.0	45.2	68.5	−12.7	69.7	349.4
44/652	M50R_100_100$_{de}$	1.0	0.0	0.5	1.0	1.0	0.5	360	0.948	0.0	1.0	47.3	71.5	−9.9	72.1	352.0	0.051	1.0	0.0	0.0	327	0.948	0.0	1.0	47.3	71.5	−9.9	72.1	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	0.735	48.1	70.3	1.1	70.3	0.9	0.0	1.0	0.265	0.0	344	1.0	0.0	0.735	48.1	70.3	1.1	70.3	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	0.538	47.8	68.1	11.8	69.2	9.8	0.0	1.0	0.459	0.0	357	1.0	0.0	0.538	47.8	68.1	11.8	69.2	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	0.386	47.7	66.3	21.1	69.6	17.6	0.0	1.0	0.611	0.0	367	1.0	0.0	0.386	47.7	66.3	21.1	69.6	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	0.209	47.6	64.9	30.9	71.9	25.4	0.0	1.0	0.789	0.0	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	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	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	95.4	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	27.4	0.0	0.0	0.0	0.0	0.0	0.037	0.041	0.878	360	1.0	1.0	1.0	95.4	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	37.1	0.0	0.0	0.0	0.0	0.031	0.021	0.0	0.791	360	1.0	1.0	1.0	95.4	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	46.8	0.0	0.0	0.0	0.0	0.034	0.018	0.0	0.69	360	1.0	1.0	1.0	95.4	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	56.5	0.0	0.0	0.0	0.0	0.026	0.01	0.0	0.581	360	1.0	1.0	1.0	95.4	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	66.3	0.0	0.0	0.0	0.0	0.02	0.01	0.0	0.443	360	1.0	1.0	1.0	95.4	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	76.0	0.0	0.0	0.0	0.0	0.018	0.009	0.0	0.306	360	1.0	1.0	1.0	95.4	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	85.7	0.0	0.0	0.0	0.0	0.023	0.007	0.0	0.17	360	1.0	1.0	1.0	95.4	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	95.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0

delta

Grafico TUB-PI45; grafico per il test colori e la differenza, ΔE'*, 3D=1, de=1, *cmyk**

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

4−113630−F0

n/j	**HIC*$_{Fde}$**	*rgb*$_{Fde}$			*ict*$_{Fde}$			h_{si_Fde}	*rgb**$_{Fde}$			*LabCh**$_{Fde}$					*cmyn**$_{sep,Fde}$				$h_{siM,de}$	*rgb**$_{Mde}$			*LabCh**$_{Mde}$				
0/648	R00Y_100_100$_{de}$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4	0.0	1.0	0.789	0.0	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
1/666	R25Y_100_100$_{de}$	1.0	0.25	0.0	1.0	1.0	0.5	44	1.0	0.133	0.0	51.5	54.2	47.2	71.9	41.0	0.0	0.866	1.0	0.0	37	1.0	0.133	0.0	51.5	54.2	47.2	71.9	41.0
2/684	R50Y_100_100$_{de}$	1.0	0.5	0.0	1.0	1.0	0.5	60	1.0	0.349	0.0	60.3	35.6	59.0	68.9	58.8	0.0	0.649	1.0	0.0	50	1.0	0.349	0.0	60.3	35.6	59.0	68.9	58.8
3/702	R75Y_100_100$_{de}$	1.0	0.75	0.0	1.0	1.0	0.5	76	1.0	0.563	0.0	70.4	17.0	72.2	74.1	76.7	0.0	0.435	1.0	0.0	64	1.0	0.563	0.0	70.4	17.0	72.2	74.1	76.7
4/720	Y00G_100_100$_{de}$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3	0.0	0.159	1.0	0.0	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
5/558	Y25G_100_100$_{de}$	0.75	1.0	0.0	1.0	1.0	0.5	104	0.619	1.0	0.0	76.9	−25.5	75.9	80.1	108.6	0.381	0.0	1.0	0.0	112	0.619	1.0	0.0	76.9	−25.5	75.9	80.1	108.6
6/396	Y50G_100_100$_{de}$	0.5	1.0	0.0	1.0	1.0	0.5	120	0.326	1.0	0.0	65.8	−41.4	54.4	68.3	127.2	0.672	0.0	1.0	0.0	131	0.326	1.0	0.0	65.8	−41.4	54.4	68.3	127.2
7/234	Y75G_100_100$_{de}$	0.25	1.0	0.0	1.0	1.0	0.5	136	0.113	1.0	0.0	56.9	−56.3	38.1	68.0	145.9	0.886	0.0	1.0	0.0	144	0.113	1.0	0.0	56.9	−56.3	38.1	68.0	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	0.093	52.4	−67.1	21.5	70.5	162.2	1.0	0.0	0.905	0.0	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	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	0.093	52.4	−67.1	21.5	70.5	162.2	1.0	0.0	0.905	0.0	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	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	0.46	54.6	−53.2	−9.0	53.9	189.6	1.0	0.0	0.535	0.0	177	0.0	1.0	0.46	54.6	−53.2	−9.0	53.9	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	0.735	56.6	−39.7	−29.9	49.8	216.9	1.0	0.0	0.264	0.0	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
12/44	G75B_100_100$_{de}$	0.0	0.5	1.0	1.0	1.0	0.5	240	0.0	0.784	1.0	52.7	−21.1	−44.1	48.9	244.3	1.0	0.216	0.0	0.0	221	0.0	0.784	1.0	52.7	−21.1	−44.1	48.9	244.3
13/8	B00M_100_100$_{de}$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7	0.999	0.623	0.0	0.0	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
14/332	B25R_100_100$_{de}$	0.5	0.0	1.0	1.0	1.0	0.5	300	0.045	0.0	1.0	26.7	26.6	−45.8	52.9	300.1	0.954	1.0	0.0	0.0	272	0.045	0.0	1.0	26.7	26.6	−45.8	52.9	300.1
15/656	B50R_100_100$_{de}$	1.0	0.0	1.0	1.0	1.0	0.5	330	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6	0.59	1.0	0.0	0.0	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
16/652	B75R_100_100$_{de}$	1.0	0.0	0.5	1.0	1.0	0.5	360	0.948	0.0	1.0	47.3	71.5	−9.9	72.1	352.0	0.051	1.0	0.0	0.0	327	0.948	0.0	1.0	47.3	71.5	−9.9	72.1	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	0.209	47.6	64.9	30.9	71.9	25.4	0.0	1.0	0.789	0.0	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	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	0.604	71.5	32.4	15.4	35.9	25.4	0.0	0.5	0.375	0.0	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
19/706	R50Y_100_050$_{de}$	1.0	0.75	0.5	1.0	0.5	0.75	60	1.0	0.674	0.5	77.9	17.8	29.5	34.4	58.8	0.0	0.375	0.5	0.0	50	1.0	0.349	0.0	60.3	35.6	59.0	68.9	58.8
20/724	Y00G_100_050$_{de}$	1.0	1.0	0.5	1.0	0.5	0.75	90	1.0	0.92	0.5	89.2	−1.7	43.9	43.9	92.3	0.0	0.09	0.509	0.0	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
21/562	Y50G_100_050$_{de}$	0.75	1.0	0.5	1.0	0.5	0.75	120	0.663	1.0	0.5	80.6	−20.7	27.2	34.1	127.2	0.357	0.0	0.499	0.0	131	0.326	1.0	0.0	65.8	−41.4	54.4	68.3	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	0.546	73.9	−33.5	10.7	35.2	162.2	0.634	0.0	0.498	0.0	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	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	0.867	76.0	−19.8	−14.9	24.9	216.9	0.618	0.0	0.13	0.0	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
24/368	B00R_100_050$_{de}$	0.5	0.5	1.0	1.0	0.5	0.75	270	0.5	0.687	1.0	66.7	0.6	−22.7	22.7	271.7	0.564	0.293	0.0	0.021	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
25/692	B50R_100_050$_{de}$	1.0	0.5	1.0	1.0	0.5	0.75	330	0.703	0.5	1.0	65.1	24.6	−15.0	28.8	328.6	0.283	0.514	0.0	0.0	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	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	0.604	71.5	32.4	15.4	35.9	25.4	0.0	0.5	0.375	0.0	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	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	0.354	52.1	32.4	15.4	35.9	25.4	0.0	0.672	0.475	0.255	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
28/524	R50Y_075_050$_{de}$	0.75	0.5	0.25	0.75	0.5	0.5	60	0.75	0.424	0.25	58.4	17.8	29.5	34.4	58.8	0.0	0.481	0.636	0.269	50	1.0	0.349	0.0	60.3	35.6	59.0	68.9	58.8
29/542	Y00G_075_050$_{de}$	0.75	0.75	0.25	0.75	0.5	0.5	90	0.75	0.67	0.25	69.7	−1.7	43.9	43.9	92.3	0.0	0.179	0.702	0.276	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
30/380	Y50G_075_050$_{de}$	0.5	0.75	0.25	0.75	0.5	0.5	120	0.413	0.75	0.25	61.2	−20.7	27.2	34.1	127.2	0.457	0.0	0.658	0.317	131	0.326	1.0	0.0	65.8	−41.4	54.4	68.3	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	0.296	54.5	−33.5	10.7	35.2	162.2	0.771	0.0	0.591	0.249	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	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	0.617	56.6	−19.8	−14.9	24.9	216.9	0.716	0.0	0.172	0.295	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
33/186	B00R_075_050$_{de}$	0.25	0.25	0.75	0.75	0.5	0.5	270	0.25	0.437	0.75	47.2	0.6	−22.7	22.7	271.7	0.667	0.407	0.0	0.329	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
34/510	B50R_075_050$_{de}$	0.75	0.25	0.75	0.75	0.5	0.5	330	0.453	0.25	0.75	45.7	24.6	−15.0	28.8	328.6	0.355	0.662	0.0	0.328	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	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	0.354	52.1	32.4	15.4	35.9	25.4	0.0	0.672	0.475	0.255	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	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	0.104	32.6	32.4	15.4	35.9	25.4	0.0	0.843	0.663	0.548	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
37/342	R50Y_050_050$_{de}$	0.5	0.25	0.0	0.5	0.5	0.25	60	0.5	0.174	0.0	39.0	17.8	29.5	34.4	58.8	0.0	0.607	0.842	0.549	50	1.0	0.349	0.0	60.3	35.6	59.0	68.9	58.8
38/360	Y00G_050_050$_{de}$	0.5	0.5	0.0	0.5	0.5	0.25	90	0.5	0.42	0.0	50.3	−1.7	43.9	43.9	92.3	0.0	0.216	0.867	0.5	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
39/198	Y50G_050_050$_{de}$	0.25	0.5	0.0	0.5	0.5	0.25	120	0.163	0.5	0.0	41.7	−20.7	27.2	34.1	127.2	0.551	0.0	0.816	0.595	131	0.326	1.0	0.0	65.8	−41.4	54.4	68.3	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	0.046	35.0	−33.5	10.7	35.2	162.2	0.867	0.0	0.65	0.5	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	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	0.367	37.1	−19.8	−14.9	24.9	216.9	0.804	0.0	0.223	0.614	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
42/4	B00R_050_050$_{de}$	0.0	0.0	0.5	0.5	0.5	0.25	270	0.0	0.187	0.5	27.8	0.6	−22.7	22.7	271.7	0.812	0.542	0.0	0.602	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
43/328	B50R_050_050$_{de}$	0.5	0.0	0.5	0.5	0.5	0.25	330	0.203	0.0	0.5	26.2	24.6	−15.0	28.8	328.6	0.477	0.802	0.0	0.617	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	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	0.104	32.6	32.4	15.4	35.9	25.4	0.0	0.843	0.663	0.548	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	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	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	95.4	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	27.4	0.0	0.0	0.0	0.0	0.0	0.037	0.041	0.878	360	1.0	1.0	1.0	95.4	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	37.1	0.0	0.0	0.0	0.0	0.031	0.021	0.0	0.791	360	1.0	1.0	1.0	95.4	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	46.8	0.0	0.0	0.0	0.0	0.034	0.018	0.0	0.69	360	1.0	1.0	1.0	95.4	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	56.5	0.0	0.0	0.0	0.0	0.026	0.01	0.0	0.581	360	1.0	1.0	1.0	95.4	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	66.3	0.0	0.0	0.0	0.0	0.02	0.01	0.0	0.443	360	1.0	1.0	1.0	95.4	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	76.0	0.0	0.0	0.0	0.0	0.018	0.009	0.0	0.306	360	1.0	1.0	1.0	95.4	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	85.7	0.0	0.0	0.0	0.0	0.023	0.007	0.0	0.17	360	1.0	1.0	1.0	95.4	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	95.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0

delta

n=j	HIC*Fde	rgb_Fde			ict_Fde			hsi_F,de	rgb*Fde			LabCh*Fde				cmyn*sep,Fde				hsiM,de	rgb*Mde			LabCh*Mde			
0	0de	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	17.7	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0
1	1de	0.0	0.0	0.125	0.125	0.125	0.062	270	0.0	0.046	0.125	20.2	0.1	−5.6	5.6	271.7	0.441	0.262	0.0	0.892	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
2	2de	0.0	0.0	0.25	0.25	0.25	0.125	270	0.0	0.093	0.25	22.7	0.3	−11.3	11.3	271.7	0.61	0.403	0.0	0.807	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
3	3de	0.0	0.0	0.375	0.375	0.375	0.187	270	0.0	0.14	0.375	25.2	0.5	−17.0	17.0	271.7	0.721	0.505	0.0	0.716	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
4	4de	0.0	0.0	0.5	0.5	0.5	0.25	270	0.0	0.187	0.5	27.8	0.6	−22.7	22.7	271.7	0.812	0.542	0.0	0.602	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
5	5de	0.0	0.0	0.625	0.625	0.625	0.312	270	0.0	0.234	0.625	30.3	0.8	−28.3	28.4	271.7	0.876	0.566	0.0	0.479	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
6	6de	0.0	0.0	0.75	0.75	0.75	0.375	270	0.0	0.281	0.75	32.8	1.0	−34.0	34.0	271.7	0.922	0.581	0.0	0.354	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
7	7de	0.0	0.0	0.875	0.875	0.875	0.437	270	0.0	0.327	0.875	35.4	1.2	−39.7	39.7	271.7	0.963	0.595	0.0	0.197	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
8	8de	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7	0.999	0.623	0.0	0.0	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
9	9de	0.0	0.125	0.0	0.125	0.125	0.062	150	0.0	0.125	0.011	22.0	−8.3	2.6	8.8	162.2	0.457	0.0	0.457	0.885	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
10	10de	0.0	0.125	0.125	0.125	0.125	0.062	210	0.0	0.125	0.091	22.5	−4.9	−3.7	6.2	216.9	0.452	0.0	0.089	0.888	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
11	11de	0.0	0.125	0.25	0.25	0.25	0.125	240	0.0	0.196	0.25	26.4	−5.2	−11.0	12.2	244.3	0.616	0.176	0.0	0.802	221	0.0	0.784	1.0	52.7	−21.1	−44.1	48.9	244.3
12	12de	0.0	0.125	0.375	0.375	0.375	0.187	251	0.0	0.225	0.375	28.6	−4.6	−16.7	17.3	254.3	0.721	0.338	0.0	0.716	233	0.0	0.601	1.0	46.8	−12.4	−44.6	46.3	254.3
13	13de	0.0	0.125	0.5	0.5	0.5	0.25	256	0.0	0.271	0.5	31.1	−4.3	−22.4	22.9	258.9	0.806	0.413	0.0	0.611	237	0.0	0.543	1.0	44.5	−8.7	−44.9	45.8	258.9
14	14de	0.0	0.125	0.625	0.625	0.625	0.312	259	0.0	0.317	0.625	33.5	−4.1	−28.1	28.4	261.6	0.875	0.466	0.0	0.483	239	0.0	0.508	1.0	43.1	−6.5	−45.0	45.5	261.6
15	15de	0.0	0.125	0.75	0.75	0.75	0.375	261	0.0	0.363	0.75	36.0	−3.8	−33.8	34.0	263.5	0.925	0.492	0.0	0.343	241	0.0	0.484	1.0	42.1	−5.1	−45.1	45.4	263.5
16	16de	0.0	0.125	0.875	0.875	0.875	0.437	262	0.0	0.413	0.875	38.7	−3.8	−39.5	39.7	264.4	0.966	0.516	0.0	0.186	241	0.0	0.472	1.0	41.7	−4.4	−45.2	45.4	264.4
17	17de	0.0	0.125	1.0	1.0	1.0	0.5	263	0.0	0.46	1.0	41.2	−3.6	−45.2	45.4	265.3	1.0	0.536	0.0	0.0	242	0.0	0.46	1.0	41.2	−3.6	−45.2	45.4	265.3
18	18de	0.0	0.25	0.0	0.25	0.25	0.125	150	0.0	0.25	0.023	26.3	−16.7	5.3	17.6	162.2	0.615	0.0	0.615	0.803	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
19	19de	0.0	0.25	0.125	0.25	0.25	0.125	180	0.0	0.25	0.115	26.9	−13.3	−2.2	13.4	189.6	0.612	0.0	0.366	0.805	177	0.0	1.0	0.46	54.6	−53.2	−9.0	53.9	189.6
20	20de	0.0	0.25	0.25	0.25	0.25	0.125	210	0.0	0.25	0.183	27.4	−9.9	−7.4	12.4	216.9	0.599	0.0	0.14	0.813	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
21	21de	0.0	0.25	0.375	0.375	0.375	0.187	229	0.0	0.375	0.365	32.8	−11.4	−15.9	19.5	234.3	0.697	0.02	0.0	0.739	208	0.0	1.0	0.973	58.1	−30.4	−42.4	52.2	234.3
22	22de	0.0	0.25	0.5	0.5	0.5	0.25	240	0.0	0.392	0.5	35.2	−10.5	−22.0	24.4	244.3	0.798	0.231	0.0	0.623	221	0.0	0.784	1.0	52.7	−21.1	−44.1	48.9	244.3
23	23de	0.0	0.25	0.625	0.625	0.625	0.312	247	0.0	0.411	0.625	37.1	−9.6	−27.7	29.4	250.7	0.876	0.326	0.0	0.479	229	0.0	0.659	1.0	48.8	−15.5	−44.4	47.0	250.7
24	24de	0.0	0.25	0.75	0.75	0.75	0.375	251	0.0	0.451	0.75	39.5	−9.3	−33.4	34.7	254.3	0.928	0.392	0.0	0.335	233	0.0	0.601	1.0	46.8	−12.4	−44.6	46.3	254.3
25	25de	0.0	0.25	0.875	0.875	0.875	0.437	254	0.0	0.495	0.875	41.9	−8.9	−39.2	40.2	257.1	0.966	0.43	0.0	0.185	235	0.0	0.566	1.0	45.4	−10.2	−44.8	46.0	257.1
26	26de	0.0	0.25	1.0	1.0	1.0	0.5	256	0.0	0.543	1.0	44.5	−8.7	−44.9	45.8	258.9	1.0	0.453	0.0	0.0	237	0.0	0.543	1.0	44.5	−8.7	−44.9	45.8	258.9
27	27de	0.0	0.375	0.0	0.375	0.375	0.187	150	0.0	0.375	0.034	30.7	−25.1	8.0	26.4	162.2	0.722	0.0	0.708	0.716	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
28	28de	0.0	0.375	0.125	0.375	0.375	0.187	169	0.0	0.375	0.133	31.3	−21.6	0.1	21.6	179.5	0.715	0.0	0.537	0.722	170	0.0	1.0	0.356	53.9	−57.8	0.4	57.8	179.5
29	29de	0.0	0.375	0.25	0.375	0.375	0.187	191	0.0	0.375	0.21	31.8	−18.1	−6.4	19.2	199.6	0.704	0.0	0.372	0.733	184	0.0	1.0	0.561	55.3	−48.4	−17.2	51.3	199.6
30	30de	0.0	0.375	0.375	0.375	0.375	0.187	210	0.0	0.375	0.275	32.3	−14.9	−11.2	18.6	216.9	0.717	0.0	0.072	0.72	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
31	31de	0.0	0.375	0.5	0.5	0.5	0.25	224	0.0	0.5	0.454	37.7	−16.5	−19.5	25.6	229.7	0.798	0.0	0.0	0.623	205	0.0	1.0	0.909	57.7	−33.0	−39.1	51.2	229.7
32	32de	0.0	0.375	0.625	0.625	0.625	0.312	233	0.0	0.591	0.625	42.2	−17.1	−27.4	32.3	237.9	0.882	0.093	0.0	0.464	212	0.0	0.946	1.0	57.0	−27.4	−43.8	51.7	237.9
33	33de	0.0	0.375	0.75	0.75	0.75	0.375	240	0.0	0.588	0.75	43.9	−15.8	−33.1	36.7	244.3	0.93	0.232	0.0	0.328	221	0.0	0.784	1.0	52.7	−21.1	−44.1	48.9	244.3
34	34de	0.0	0.375	0.875	0.875	0.875	0.437	245	0.0	0.606	0.875	45.9	−14.9	−38.8	41.6	248.9	0.967	0.314	0.0	0.182	227	0.0	0.693	1.0	49.9	−17.1	−44.3	47.5	248.9
35	35de	0.0	0.375	1.0	1.0	1.0	0.5	248	0.0	0.642	1.0	48.3	−14.7	−44.4	46.8	251.6	0.999	0.358	0.0	0.0	230	0.0	0.642	1.0	48.3	−14.7	−44.4	46.8	251.6
36	36de	0.0	0.5	0.0	0.5	0.5	0.25	150	0.0	0.5	0.046	35.0	−33.5	10.7	35.2	162.2	0.867	0.0	0.65	0.5	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
37	37de	0.0	0.5	0.125	0.5	0.5	0.25	164	0.0	0.5	0.149	35.6	−30.1	2.6	30.2	175.0	0.816	0.0	0.563	0.595	166	0.0	1.0	0.299	53.6	−60.2	5.2	60.4	175.0
38	38de	0.0	0.5	0.25	0.5	0.5	0.25	180	0.0	0.5	0.23	36.1	−26.6	−4.5	26.9	189.6	0.813	0.0	0.475	0.6	177	0.0	1.0	0.46	54.6	−53.2	−9.0	53.9	189.6
39	39de	0.0	0.5	0.375	0.5	0.5	0.25	196	0.0	0.5	0.303	36.7	−23.0	−10.3	25.2	204.2	0.811	0.0	0.297	0.603	187	0.0	1.0	0.607	55.6	−46.0	−20.7	50.5	204.2
40	40de	0.0	0.5	0.5	0.5	0.5	0.25	210	0.0	0.5	0.367	37.1	−19.8	−14.9	24.9	216.9	0.804	0.0	0.223	0.614	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
41	41de	0.0	0.5	0.625	0.625	0.625	0.312	221	0.0	0.625	0.544	42.6	−21.5	−23.1	31.6	227.0	0.875	0.0	0.102	0.481	203	0.0	1.0	0.87	57.5	−34.5	−37.0	50.6	227.0
42	42de	0.0	0.5	0.75	0.75	0.75	0.375	229	0.0	0.75	0.73	48.0	−22.8	−31.8	39.1	234.3	0.929	0.015	0.0	0.333	208	0.0	1.0	0.973	58.1	−30.4	−42.4	52.2	234.3
43	43de	0.0	0.5	0.875	0.875	0.875	0.437	235	0.0	0.78	0.875	50.9	−22.3	−38.4	44.4	239.7	0.969	0.125	0.0	0.172	215	0.0	0.892	1.0	55.6	−25.5	−43.9	50.8	239.7
44	44de	0.0	0.5	1.0	1.0	1.0	0.5	240	0.0	0.784	1.0	52.7	−21.1	−44.1	48.9	244.3	1.0	0.216	0.0	0.0	221	0.0	0.784	1.0	52.7	−21.1	−44.1	48.9	244.3
45	45de	0.0	0.625	0.0	0.625	0.625	0.312	150	0.0	0.625	0.058	39.4	−41.9	13.4	44.0	162.2	0.916	0.0	0.732	0.375	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
46	46de	0.0	0.625	0.125	0.625	0.625	0.312	161	0.0	0.625	0.166	40.0	−38.4	5.2	38.7	172.2	0.886	0.0	0.665	0.455	164	0.0	1.0	0.265	53.3	−61.4	8.3	62.0	172.2
47	47de	0.0	0.625	0.25	0.625	0.625	0.312	173	0.0	0.625	0.247	40.5	−35.0	−1.9	35.1	183.2	0.916	0.0	0.549	0.375	173	0.0	1.0	0.396	54.2	−56.1	−3.1	56.2	183.2
48	48de	0.0	0.625	0.375	0.625	0.625	0.312	187	0.0	0.625	0.327	41.0	−31.3	−8.9	32.5	195.9	0.881	0.0	0.439	0.469	181	0.0	1.0	0.524	55.0	−50.0	−14.3	52.1	195.9
49	49de	0.0	0.625	0.5	0.625	0.625	0.312	199	0.0	0.625	0.396	41.5	−27.9	−14.2	31.3	206.9	0.879	0.0	0.332	0.473	188	0.0	1.0	0.635	55.9	−44.7	−22.7	50.1	206.9
50	50de	0.0	0.625	0.625	0.625	0.625	0.312	210	0.0	0.625	0.459	42.0	−24.8	−18.7	31.1	216.9	0.876	0.0	0.233	0.479	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
51	51de	0.0	0.625	0.75	0.75	0.75	0.375	219	0.0	0.75	0.633	47.4	−26.6	−26.8	37.8	225.1	0.929	0.0	0.133	0.332	201	0.0	1.0	0.845	57.3	−35.5	−35.8	50.4	225.1
52	52de	0.0	0.625	0.875	0.875	0.875	0.437	226	0.0	0.875	0.818	52.9	−28.0	−35.3	45.1	231.5	0.966	0.0	0.046	0.183	206	0.0	1.0	0.935	57.9	−32.0	−40.4	51.6	231.5
53	53de	0.0	0.625	1.0	1.0	1.0	0.5	232	0.0	0.973	1.0	57.7	−28.3	−43.8	52.2	237.0	1.0	0.026	0.0	0.0	211	0.0	0.973	1.0	57.7	−28.3	−43.8	52.2	237.0
54	54de	0.0	0.75	0.0	0.75	0.75	0.375	150	0.0	0.75	0.069	43.7	−50.3	16.1	52.8	162.2	0.951	0.0	0.793	0.25	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
55	55de	0.0	0.75	0.125	0.75	0.75	0.375	159	0.0	0.75	0.18	44.3	−46.7	7.8	47.4	170.4	0.936	0.0	0.71	0.309	163	0.0	1.0	0.24	53.2	−62.3	10.5	63.2	170.4
56	56de	0.0	0.75	0.25	0.75	0.75	0.375	169	0.0	0.75	0.267	44.9	−43.3	0.3	43.3	179.5	0.934	0.0	0.593	0.313	170	0.0	1.0	0.356	53.9	−57.8	0.4	57.8	179.5
57	57de	0.0	0.75	0.375	0.75	0.75	0.375	180	0.0	0.75	0.345	45.3	−39.9	−6.7	40.4	189.6	0.933	0.0	0.511	0.319	177	0.0	1.0	0.46	54.6	−53.2	−9.0	53.9	189.6
58	58de	0.0	0.75	0.5	0.75	0.75	0.375	191	0.0	0.75	0.421	45.9	−36.3	−12.9	38.5	199.6	0.93	0.0	0.409	0.327	184	0.0	1.0	0.561	55.3	−48.4	−17.2	51.3	199.6
59	59de	0.0	0.75	0.625	0.75	0.75	0.375	201	0.0	0.75	0.489	46.4	−32.9	−18.0	37.5	208.7	0.93	0.0	0.325	0.329	190	0.0	1.0	0.653	56.0	−43.9	−24.1	50.0	208.7
60	60de	0.0	0.75	0.75	0.75	0.75	0.375	210	0.0	0.75	0.551	46.9	−29.8	−22.4	37.3	216.9	0.929	0.0	0.23	0.332	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
61	61de	0.0	0.75	0.875	0.875	0.875	0.437	218	0.0	0.875	0.728	52.3	−31.5	−30.7	44.0	224.2	0.967	0.0	0.155	0.178	200	0.0	1.0	0.832	57.2	−36.0	−35.1	50.3	224.2
62	62de	0.0	0.75	1.0	1.0	1.0	0.5	224	0.0	1.0	0.909	57.7	−33.0	−39.1	51.2	229.7	1.0	0.0	0.09	0.0	205	0.0	1.0	0.909	57.7	−33.0	−39.1	51.2	229.7
63	63de	0.0	0.875	0.0	0.875	0.875	0.437	150	0.0	0.875	0.081	48.0	−58.7	18.8	61.6	162.2	0.978	0.0	0.838	0.125	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
64	64de	0.0	0.875	0.125	0.875	0.875	0.437	158	0.0	0.875	0.196	48.7	−55.1	10.1	56.0	169.5	0.97	0.0	0.748	0.167	162	0.0	1.0	0.224	53.1	−62.9	11.6	64.0	169.5
65	65de	0.0	0.875	0.25	0.875	0.875	0.437	166	0.0	0.875	0.282	49.2	−51.9	2.8	51.9	176.8	0.969	0.0	0.648	0.169	168	0.0	1.0	0.322	53.7	−59.3	3.2	59.4	176.8
66	66de	0.0	0.875	0.375	0.875	0.875	0.437	175	0.0	0.875	0.362	49.7	−48.4	−4.2	48.6	185.0	0.978	0.0	0.559	0.125	174	0.0	1.0	0.414	54.3	−55.3	−4.8	55.5	185.0
67	67de	0.0	0.875	0.5	0.875	0.875	0.437	185	0.0	0.875	0.442	50.2	−44.4	−11.2	45.8	194.1	0.968	0.0	0.48	0.177	180	0.0	1.0	0.506	54.8	−50.8	−12.8	52.4	194.1
68	68de	0.0	0.875	0.625	0.875	0.875	0.437	194	0.0	0.875	0.515	50.8	−41.1	−16.9	44.5	202.3	0.968	0.0	0.404	0.177	185	0.0	1.0	0.589	55.5	−47.0	−19.3	50.8	202.3
69	69de	0.0	0.875	0.75	0.875	0.875	0.437	202	0.0	0.875	0.579	51.3	−38.0	−21.6	43.8	209.6	0.968	0.0	0.329	0.177	190	0.0	1.0	0.662	56.1	−43.4	−24.7	50.0	209.6
70	70de	0.0	0.875	0.875	0.875	0.875	0.437	210	0.0	0.875	0.643	51.7	−34.8	−26.2	43.5	216.9	0.967	0.0	0.25	0.178	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
71	71de	0.0	0.875	1.0	1.0	1.0	0.5	217	0.0	1.0	0.819	57.2	−36.5	−34.5	50.2	223.3	1.0	0.0	0.18	0.0	200	0.0	1.0	0.819	57.2	−36.5	−34.5	50.2	223.3
72	72de	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2	1.0	0.0	0.905	0.0	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
73	73de	0.0	1.0	0.125	1.0	1.0	0.5	157	0.0	1.0	0.209	53.0	−63.5	12.8	64.8	168.6	1.0	0.0	0.788	0.0	161	0.0	1.0	0.209	53.0	−63.5	12.8	64.8	168.6
74	74de	0.0	1.0	0.25	1.0	1.0	0.5	164	0.0	1.0	0.299	53.6	−60.2	5.2	60.4	175.0	1.0	0.0	0.697	0.0	166	0.0	1.0	0.299	53.6	−60.2	5.2	60.4	175.0
75	75de	0.0	1.0	0.375	1.0	1.0	0.5	172	0.0	1.0	0.387	54.1	−56.4	−2.2	56.5	182.3	1.0	0.0	0.61	0.0	172	0.0	1.0	0.387	54.1	−56.4	−2.2	56.5	182.3
76	76de	0.0	1.0	0.5	1.0	1.0	0.5	180	0.0	1.0	0.46	54.6	−53.2	−9.0	53.9	189.6	1.0	0.0	0.535	0.0	177	0.0	1.0	0.46	54.6	−53.2	−9.0	53.9	189.6
77	77de	0.0	1.0	0.625	1.0	1.0	0.5	188	0.0	1.0	0.533	55.1	−49.6	−15.0	51.9	196.9	1.0	0.0	0.463	0.0	182	0.0	1.0	0.533	55.1	−49.6	−15.0	51.9	196.9
78	78de	0.0	1.0	0.75	1.0	1.0	0.5	196	0.0	1.0	0.607	55.6	−46.0	−20.7	50.5	204.2	1.0	0.0	0.392	0.0	187	0.0	1.0	0.607	55.6	−46.0	−20.7	50.5	204.2
79	79de	0.0	1.0	0.875	1.0	1.0	0.5	203	0.0	1.0	0.671	56.1	−43.0	−25.4	50.0	210.5	1.0	0.0	0.327	0.0	191	0.0	1.0	0.671	56.1	−43.0	−25.4	50.0	210.5
80	80de	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9	1.0	0.0	0.264	0.0	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9

delta

Grafico TUB-PI45; grafico per il test colori e la differenza, ΔE'*, 3D=1, de=1, *cmyk**

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

4−113830−F0

iscrizione TUB: 20160501-PI45/PI45L0FA.TXT /.PS TUB materiale: code=rha4ta
Applicatione per la misura dell'output output nella stampa di offset, separazione cmyn6* (CMYK)

n	HIC*Fde	rgb_Fde			ict_Fde			hsi_F,de	rgb*Fde			LabCh*Fde				
81	81de	0.125	0.0	0.0	0.125	0.125	0.062	390	0.125	0.0	0.026	21.4	8.1	3.8	8.9	25.4
82	82de	0.125	0.0	0.125	0.125	0.125	0.062	330	0.05	0.0	0.125	19.8	6.1	−3.7	7.2	328.6
83	83de	0.125	0.0	0.25	0.25	0.25	0.125	300	0.011	0.0	0.25	19.9	6.6	−11.4	13.2	300.1
84	84de	0.125	0.0	0.375	0.375	0.375	0.187	289	0.0	0.05	0.375	21.9	6.3	−17.6	18.7	289.7
85	85de	0.125	0.0	0.5	0.5	0.5	0.25	284	0.0	0.1	0.5	24.6	6.2	−23.2	24.1	285.0
86	86de	0.125	0.0	0.625	0.625	0.625	0.312	281	0.0	0.151	0.625	27.3	6.2	−28.8	29.4	282.1
87	87de	0.125	0.0	0.75	0.75	0.75	0.375	279	0.0	0.2	0.75	29.9	6.2	−34.5	35.0	280.2
88	88de	0.125	0.0	0.875	0.875	0.875	0.437	278	0.0	0.244	0.875	32.3	6.6	−40.2	40.8	279.3
89	89de	0.125	0.0	1.0	1.0	1.0	0.5	277	0.0	0.291	1.0	34.8	6.7	−45.9	46.4	278.3
90	90de	0.125	0.125	0.0	0.125	0.125	0.062	90	0.125	0.105	0.0	25.8	−0.4	10.9	10.9	92.3
91	91de	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	27.4	0.0	0.0	0.0	0.0
92	92de	0.125	0.125	0.25	0.25	0.125	0.187	270	0.124	0.171	0.25	29.9	0.1	−5.6	5.6	271.7
93	93de	0.125	0.125	0.375	0.375	0.25	0.25	270	0.124	0.218	0.375	32.4	0.3	−11.3	11.3	271.7
94	94de	0.125	0.125	0.5	0.5	0.375	0.312	270	0.124	0.265	0.5	35.0	0.5	−17.0	17.0	271.7
95	95de	0.125	0.125	0.625	0.625	0.5	0.375	270	0.125	0.312	0.625	37.5	0.6	−22.7	22.7	271.7
96	96de	0.125	0.125	0.75	0.75	0.625	0.437	270	0.125	0.359	0.75	40.0	0.8	−28.3	28.4	271.7
97	97de	0.125	0.125	0.875	0.875	0.75	0.5	270	0.125	0.406	0.875	42.5	1.0	−34.0	34.0	271.7
98	98de	0.125	0.125	1.0	1.0	0.875	0.562	270	0.125	0.452	1.0	45.1	1.2	−39.7	39.7	271.7
99	99de	0.125	0.25	0.0	0.25	0.25	0.125	120	0.081	0.25	0.0	29.7	−10.3	13.6	17.0	127.2
100	100de	0.125	0.25	0.125	0.25	0.125	0.187	150	0.124	0.25	0.136	31.7	−8.3	2.6	8.8	162.2
101	101de	0.125	0.25	0.25	0.25	0.125	0.187	210	0.124	0.25	0.216	32.2	−4.9	−3.7	6.2	216.9
102	102de	0.125	0.25	0.375	0.375	0.25	0.25	240	0.124	0.321	0.375	36.1	−5.2	−11.0	12.2	244.3
103	103de	0.125	0.25	0.5	0.5	0.375	0.312	251	0.124	0.35	0.5	38.3	−4.6	−16.7	17.3	254.3
104	104de	0.125	0.25	0.625	0.625	0.5	0.375	256	0.125	0.396	0.625	40.8	−4.3	−22.4	22.9	258.9
105	105de	0.125	0.25	0.75	0.75	0.625	0.437	259	0.125	0.442	0.75	43.3	−4.1	−28.1	28.4	261.6
106	106de	0.125	0.25	0.875	0.875	0.75	0.5	261	0.125	0.488	0.875	45.7	−3.8	−33.8	34.0	263.5
107	107de	0.125	0.25	1.0	1.0	0.875	0.562	262	0.125	0.538	1.0	48.4	−3.8	−39.5	39.7	264.4
108	108de	0.125	0.375	0.0	0.375	0.375	0.187	131	0.069	0.375	0.0	33.2	−19.4	16.2	25.3	140.0
109	109de	0.125	0.375	0.125	0.375	0.25	0.25	150	0.124	0.375	0.148	36.1	−16.7	5.3	17.6	162.2
110	110de	0.125	0.375	0.25	0.375	0.25	0.25	180	0.124	0.375	0.24	36.6	−13.3	−2.2	13.4	189.6
111	111de	0.125	0.375	0.375	0.375	0.25	0.25	210	0.124	0.375	0.308	37.1	−9.9	−7.4	12.4	216.9
112	112de	0.125	0.375	0.5	0.5	0.375	0.312	229	0.124	0.5	0.49	42.6	−11.4	−15.9	19.5	234.3
113	113de	0.125	0.375	0.625	0.625	0.5	0.375	240	0.125	0.517	0.625	44.9	−10.5	−22.0	24.4	244.3
114	114de	0.125	0.375	0.75	0.75	0.625	0.437	247	0.125	0.536	0.75	46.9	−9.6	−27.7	29.4	250.7
115	115de	0.125	0.375	0.875	0.875	0.75	0.5	251	0.125	0.576	0.875	49.2	−9.3	−33.4	34.7	254.3
116	116de	0.125	0.375	1.0	1.0	0.875	0.562	254	0.125	0.62	1.0	51.7	−8.9	−39.2	40.2	257.1
117	117de	0.125	0.5	0.0	0.5	0.5	0.25	136	0.056	0.5	0.0	37.3	−28.1	19.0	34.0	145.9
118	118de	0.125	0.5	0.125	0.5	0.375	0.312	150	0.124	0.5	0.159	40.4	−25.1	8.0	26.4	162.2
119	119de	0.125	0.5	0.25	0.5	0.375	0.312	169	0.124	0.5	0.258	41.0	−21.6	0.1	21.6	179.5
120	120de	0.125	0.5	0.375	0.5	0.375	0.312	191	0.124	0.5	0.335	41.5	−18.1	−6.4	19.2	199.6
121	121de	0.125	0.5	0.5	0.5	0.375	0.312	210	0.124	0.5	0.4	42.0	−14.9	−11.2	18.6	216.9
122	122de	0.125	0.5	0.625	0.625	0.5	0.375	224	0.125	0.625	0.579	47.4	−16.5	−19.5	25.6	229.7
123	123de	0.125	0.5	0.75	0.75	0.625	0.437	233	0.125	0.716	0.75	52.0	−17.1	−27.4	32.3	237.9
124	124de	0.125	0.5	0.875	0.875	0.75	0.5	240	0.125	0.713	0.875	53.7	−15.8	−33.1	36.7	244.3
125	125de	0.125	0.5	1.0	1.0	0.875	0.562	245	0.125	0.731	1.0	55.6	−14.9	−38.8	41.6	248.9
126	126de	0.125	0.625	0.0	0.625	0.625	0.312	139	0.049	0.625	0.0	41.2	−37.5	22.2	43.6	149.4
127	127de	0.125	0.625	0.125	0.625	0.5	0.375	150	0.125	0.625	0.171	44.7	−33.5	10.7	35.2	162.2
128	128de	0.125	0.625	0.25	0.625	0.5	0.375	164	0.125	0.625	0.274	45.3	−30.1	2.6	30.2	175.0
129	129de	0.125	0.625	0.375	0.625	0.5	0.375	180	0.125	0.625	0.355	45.8	−26.6	−4.5	26.9	189.6
130	130de	0.125	0.625	0.5	0.625	0.5	0.375	196	0.125	0.625	0.428	46.4	−23.0	−10.3	25.2	204.2
131	131de	0.125	0.625	0.625	0.625	0.5	0.375	210	0.125	0.625	0.492	46.9	−19.8	−14.9	24.9	216.9
132	132de	0.125	0.625	0.75	0.75	0.625	0.437	221	0.125	0.75	0.669	52.3	−21.5	−23.1	31.6	227.0
133	133de	0.125	0.625	0.875	0.875	0.75	0.5	229	0.125	0.875	0.855	57.7	−22.8	−31.8	39.1	234.3
134	134de	0.125	0.625	1.0	1.0	0.875	0.562	235	0.125	0.905	1.0	60.6	−22.3	−38.4	44.4	239.7
135	135de	0.125	0.75	0.0	0.75	0.75	0.375	141	0.043	0.75	0.0	45.2	−46.9	25.2	53.3	151.7
136	136de	0.125	0.75	0.125	0.75	0.625	0.437	150	0.125	0.75	0.183	49.1	−41.9	13.4	44.0	162.2
137	137de	0.125	0.75	0.25	0.75	0.625	0.437	161	0.125	0.75	0.291	49.7	−38.4	5.2	38.7	172.2
138	138de	0.125	0.75	0.375	0.75	0.625	0.437	173	0.125	0.75	0.372	50.2	−35.0	−1.9	35.1	183.2
139	139de	0.125	0.75	0.5	0.75	0.625	0.437	187	0.125	0.75	0.452	50.7	−31.3	−8.9	32.5	195.9
140	140de	0.125	0.75	0.625	0.75	0.625	0.437	199	0.125	0.75	0.521	51.3	−27.9	−14.2	31.3	206.9
141	141de	0.125	0.75	0.75	0.75	0.625	0.437	210	0.125	0.75	0.584	51.7	−24.8	−18.7	31.1	216.9
142	142de	0.125	0.75	0.875	0.875	0.75	0.5	219	0.125	0.875	0.758	57.1	−26.6	−26.8	37.8	225.1
143	143de	0.125	0.75	1.0	1.0	0.875	0.562	226	0.125	1.0	0.943	62.6	−28.0	−35.3	45.1	231.5
144	144de	0.125	0.875	0.0	0.875	0.875	0.437	142	0.04	0.875	0.0	49.4	−55.8	28.5	62.7	152.9
145	145de	0.125	0.875	0.125	0.875	0.75	0.5	150	0.125	0.875	0.194	53.4	−50.3	16.1	52.8	162.2
146	146de	0.125	0.875	0.25	0.875	0.75	0.5	159	0.125	0.875	0.305	54.0	−46.7	7.8	47.4	170.4
147	147de	0.125	0.875	0.375	0.875	0.75	0.5	169	0.125	0.875	0.392	54.6	−43.3	0.3	43.3	179.5
148	148de	0.125	0.875	0.5	0.875	0.75	0.5	180	0.125	0.875	0.47	55.1	−39.9	−6.7	40.4	189.6
149	149de	0.125	0.875	0.625	0.875	0.75	0.5	191	0.125	0.875	0.546	55.6	−36.3	−12.9	38.5	199.6
150	150de	0.125	0.875	0.75	0.875	0.75	0.5	201	0.125	0.875	0.614	56.1	−32.9	−18.0	37.5	208.7
151	151de	0.125	0.875	0.875	0.875	0.75	0.5	210	0.125	0.875	0.676	56.6	−29.8	−22.4	37.3	216.9
152	152de	0.125	0.875	1.0	1.0	0.875	0.562	218	0.125	1.0	0.853	62.0	−31.5	−30.7	44.0	224.2
153	153de	0.125	1.0	0.0	1.0	1.0	0.5	143	0.035	1.0	0.0	53.5	−65.0	31.6	72.3	154.0
154	154de	0.125	1.0	0.125	1.0	0.875	0.562	150	0.125	1.0	0.206	57.7	−58.7	18.8	61.6	162.2
155	155de	0.125	1.0	0.25	1.0	0.875	0.562	158	0.125	1.0	0.321	58.4	−55.1	10.1	56.0	169.5
156	156de	0.125	1.0	0.375	1.0	0.875	0.562	166	0.125	1.0	0.407	58.9	−51.9	2.8	51.9	176.8
157	157de	0.125	1.0	0.5	1.0	0.875	0.562	175	0.125	1.0	0.487	59.4	−48.4	−4.2	48.6	185.0
158	158de	0.125	1.0	0.625	1.0	0.875	0.562	185	0.125	1.0	0.567	59.9	−44.4	−11.2	45.8	194.1
159	159de	0.125	1.0	0.75	1.0	0.875	0.562	194	0.125	1.0	0.64	60.5	−41.1	−16.9	44.5	202.3
160	160de	0.125	1.0	0.875	1.0	0.875	0.562	202	0.125	1.0	0.704	61.0	−38.0	−21.6	43.8	209.6
161	161de	0.125	1.0	1.0	1.0	0.875	0.562	210	0.125	1.0	0.768	61.5	−34.8	−26.2	43.5	216.9

n	cmyn*sep,Fde				hsiM,de	rgb*Mde			LabCh*Mde				
81	0.0	0.484	0.393	0.874	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
82	0.217	0.435	0.0	0.894	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
83	0.611	0.611	0.0	0.806	272	0.045	0.0	1.0	26.7	26.6	−45.8	52.9	300.1
84	0.723	0.67	0.0	0.714	262	0.0	0.133	1.0	28.9	16.8	−46.9	49.8	289.7
85	0.813	0.674	0.0	0.6	259	0.0	0.201	1.0	31.5	12.4	−46.5	48.2	285.0
86	0.881	0.671	0.0	0.467	256	0.0	0.242	1.0	33.0	9.9	−46.1	47.1	282.1
87	0.926	0.678	0.0	0.341	255	0.0	0.267	1.0	33.9	8.3	−46.0	46.7	280.2
88	0.964	0.681	0.0	0.194	254	0.0	0.279	1.0	34.4	7.5	−46.0	46.6	279.3
89	1.0	0.706	0.0	0.0	253	0.0	0.291	1.0	34.8	6.7	−45.9	46.4	278.3
90	0.0	0.189	0.488	0.872	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
91	0.0	0.037	0.041	0.878	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
92	0.388	0.243	0.0	0.806	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
93	0.563	0.345	0.0	0.721	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
94	0.692	0.427	0.0	0.609	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
95	0.77	0.477	0.0	0.474	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
96	0.821	0.5	0.0	0.338	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
97	0.861	0.52	0.0	0.191	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
98	0.895	0.529	0.0	0.014	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
99	0.377	0.0	0.596	0.816	131	0.326	1.0	0.0	65.8	−41.4	54.4	68.3	127.2
100	0.474	0.0	0.378	0.793	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
101	0.429	0.0	0.059	0.805	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
102	0.573	0.127	0.0	0.711	221	0.0	0.784	1.0	52.7	−21.1	−44.1	48.9	244.3
103	0.697	0.281	0.0	0.602	233	0.0	0.601	1.0	46.8	−12.4	−44.6	46.3	254.3
104	0.772	0.356	0.0	0.466	237	0.0	0.543	1.0	44.5	−8.7	−44.9	45.8	258.9
105	0.823	0.403	0.0	0.329	239	0.0	0.508	1.0	43.1	−6.5	−45.0	45.5	261.6
106	0.864	0.438	0.0	0.183	241	0.0	0.484	1.0	42.1	−5.1	−45.1	45.4	263.5
107	0.898	0.452	0.0	0.006	241	0.0	0.472	1.0	41.7	−4.4	−45.2	45.4	264.4
108	0.655	0.0	0.706	0.731	140	0.184	1.0	0.0	59.0	−51.7	43.3	67.4	140.0
109	0.658	0.0	0.52	0.691	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
110	0.635	0.0	0.309	0.698	177	0.0	1.0	0.46	54.6	−53.2	−9.0	53.9	189.6
111	0.598	0.0	0.137	0.708	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
112	0.694	0.019	0.0	0.598	208	0.0	1.0	0.973	58.1	−30.4	−42.4	52.2	234.3
113	0.773	0.175	0.0	0.458	221	0.0	0.784	1.0	52.7	−21.1	−44.1	48.9	244.3
114	0.826	0.278	0.0	0.324	229	0.0	0.659	1.0	48.8	−15.5	−44.4	47.0	250.7
115	0.868	0.339	0.0	0.181	233	0.0	0.601	1.0	46.8	−12.4	−44.6	46.3	254.3
116	0.901	0.38	0.0	0.004	235	0.0	0.566	1.0	45.4	−10.2	−44.8	46.0	257.1
117	0.783	0.0	0.811	0.604	144	0.113	1.0	0.0	56.9	−56.3	38.1	68.0	145.9
118	0.767	0.0	0.603	0.559	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
119	0.756	0.0	0.451	0.567	170	0.0	1.0	0.356	53.9	−57.8	0.4	57.8	179.5
120	0.74	0.0	0.306	0.578	184	0.0	1.0	0.561	55.3	−48.4	−17.2	51.3	199.6
121	0.718	0.0	0.165	0.591	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
122	0.776	0.0	0.056	0.46	205	0.0	1.0	0.909	57.7	−33.0	−39.1	51.2	229.7
123	0.833	0.073	0.0	0.312	212	0.0	0.946	1.0	57.0	−27.4	−43.8	51.7	237.9
124	0.874	0.189	0.0	0.178	221	0.0	0.784	1.0	52.7	−21.1	−44.1	48.9	244.3
125	0.903	0.258	0.0	0.006	227	0.0	0.693	1.0	49.9	−17.1	−44.3	47.5	248.9
126	0.868	0.0	0.884	0.461	145	0.079	1.0	0.0	55.4	−60.1	35.5	69.8	149.4
127	0.84	0.0	0.666	0.419	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
128	0.832	0.0	0.537	0.427	166	0.0	1.0	0.299	53.6	−60.2	5.2	60.4	175.0
129	0.825	0.0	0.416	0.436	177	0.0	1.0	0.46	54.6	−53.2	−9.0	53.9	189.6
130	0.81	0.0	0.304	0.448	187	0.0	1.0	0.607	55.6	−46.0	−20.7	50.5	204.2
131	0.796	0.0	0.187	0.454	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
132	0.84	0.0	0.102	0.314	203	0.0	1.0	0.87	57.5	−34.5	−37.0	50.6	227.0
133	0.872	0.0	0.005	0.182	208	0.0	1.0	0.973	58.1	−30.4	−42.4	52.2	234.3
134	0.904	0.079	0.0	0.007	215	0.0	0.892	1.0	55.6	−25.5	−43.9	50.8	239.7
135	0.923	0.0	0.933	0.319	147	0.057	1.0	0.0	54.4	−62.6	33.6	71.1	151.7
136	0.888	0.0	0.713	0.27	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
137	0.882	0.0	0.593	0.278	164	0.0	1.0	0.265	53.3	−61.4	8.3	62.0	172.2
138	0.879	0.0	0.497	0.287	173	0.0	1.0	0.396	54.2	−56.1	−3.1	56.2	183.2
139	0.872	0.0	0.392	0.296	181	0.0	1.0	0.524	55.0	−50.0	−14.3	52.1	195.9
140	0.861	0.0	0.301	0.303	188	0.0	1.0	0.635	55.9	−44.7	−22.7	50.1	206.9
141	0.851	0.0	0.209	0.309	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
142	0.884	0.0	0.134	0.166	201	0.0	1.0	0.845	57.3	−35.5	−35.8	50.4	225.1
143	0.909	0.0	0.054	0.0	206	0.0	1.0	0.935	57.9	−32.0	−40.4	51.6	231.5
144	0.949	0.0	0.968	0.175	147	0.046	1.0	0.0	53.9	−63.8	32.6	71.7	152.9
145	0.915	0.0	0.752	0.13	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
146	0.911	0.0	0.641	0.135	163	0.0	1.0	0.24	53.2	−62.3	10.5	63.2	170.4
147	0.908	0.0	0.553	0.142	170	0.0	1.0	0.356	53.9	−57.8	0.4	57.8	179.5
148	0.907	0.0	0.467	0.144	177	0.0	1.0	0.46	54.6	−53.2	−9.0	53.9	189.6
149	0.901	0.0	0.385	0.15	184	0.0	1.0	0.561	55.3	−48.4	−17.2	51.3	199.6
150	0.896	0.0	0.303	0.154	190	0.0	1.0	0.653	56.0	−43.9	−24.1	50.0	208.7
151	0.89	0.0	0.227	0.161	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
152	0.91	0.0	0.137	0.0	200	0.0	1.0	0.832	57.2	−36.0	−35.1	50.3	224.2
153	0.964	0.0	1.0	0.0	148	0.035	1.0	0.0	53.5	−65.0	31.6	72.3	154.0
154	0.919	0.0	0.773	0.0	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
155	0.919	0.0	0.656	0.0	162	0.0	1.0	0.224	53.1	−62.9	11.6	64.0	169.5
156	0.919	0.0	0.623	0.0	168	0.0	1.0	0.322	53.7	−59.3	3.2	59.4	176.8
157	0.915	0.0	0.498	0.0	174	0.0	1.0	0.414	54.3	−55.3	−4.8	55.5	185.0
158	0.915	0.0	0.411	0.0	180	0.0	1.0	0.506	54.8	−50.8	−12.8	52.4	194.1
159	0.913	0.0	0.376	0.0	185	0.0	1.0	0.589	55.5	−47.0	−19.3	50.8	202.3
160	0.913	0.0	0.287	0.0	190	0.0	1.0	0.662	56.1	−43.4	−24.7	50.0	209.6
161	0.91	0.0	0.25	0.0	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9

delta

4−113930−F0

PI450−7N, 10/22−F

Grafico TUB-PI45; 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/PI45/PI45.HTM
informazioni tecniche: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

http://farbe.li.tu-berlin.de/PI45/PI45L0FA.TXT /.PS; linearizzazione 3D
F: linearizzazione 3D PI45/PI45LI30FA.DAT nel file (F), pagine 11/22

n	HIC*Fde	rgb_Fde			ict_Fde			hsi_F,de	rgb*Fde			LabCh*Fde					cmyn*sep,Fde				hsiM,de	rgb*Mde			LabCh*Mde				
162	162de	0.25	0.0	0.0	0.25	0.25	0.125	390	0.25	0.0	0.052	25.1	16.2	7.7	17.9	25.4	0.0	0.659	0.525	0.771	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
163	163de	0.25	0.0	0.125	0.25	0.25	0.125	360	0.237	0.0	0.25	25.1	17.8	−2.4	18.0	352.0	0.0	0.627	0.082	0.795	327	0.948	0.0	1.0	47.3	71.5	−9.9	72.1	352.0
164	164de	0.25	0.0	0.25	0.25	0.25	0.125	330	0.101	0.0	0.25	21.9	12.3	−7.5	14.4	328.6	0.341	0.607	0.0	0.809	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
165	165de	0.25	0.0	0.375	0.375	0.375	0.187	311	0.076	0.0	0.375	22.6	13.0	−15.1	19.9	310.5	0.653	0.727	0.0	0.71	281	0.205	0.0	1.0	30.7	34.6	−40.4	53.3	310.5
166	166de	0.25	0.0	0.5	0.5	0.5	0.25	300	0.022	0.0	0.5	22.2	13.3	−22.9	26.4	300.1	0.815	0.811	0.0	0.597	272	0.045	0.0	1.0	26.7	26.6	−45.8	52.9	300.1
167	167de	0.25	0.0	0.625	0.625	0.625	0.312	293	0.0	0.037	0.625	23.4	12.8	−29.5	32.2	293.5	0.88	0.812	0.0	0.471	266	0.0	0.059	1.0	26.8	20.5	−47.2	51.5	293.5
168	168de	0.25	0.0	0.75	0.75	0.75	0.375	289	0.0	0.1	0.75	26.1	12.6	−35.2	37.4	289.7	0.928	0.802	0.0	0.335	262	0.0	0.133	1.0	28.9	16.8	−46.9	49.8	289.7
169	169de	0.25	0.0	0.875	0.875	0.875	0.437	286	0.0	0.152	0.875	28.8	12.4	−40.9	42.7	286.9	0.965	0.781	0.0	0.187	260	0.0	0.174	1.0	30.4	14.2	−46.7	48.8	286.9
170	170de	0.25	0.0	1.0	1.0	1.0	0.5	284	0.0	0.201	1.0	31.5	12.4	−46.5	48.2	285.0	1.0	0.796	0.0	0.0	259	0.0	0.201	1.0	31.5	12.4	−46.5	48.2	285.0
171	171de	0.25	0.125	0.0	0.25	0.25	0.125	60	0.25	0.087	0.0	28.3	8.9	14.7	17.2	58.8	0.0	0.545	0.651	0.778	50	1.0	0.349	0.0	60.3	35.6	59.0	68.9	58.8
172	172de	0.25	0.125	0.125	0.25	0.125	0.187	390	0.25	0.124	0.151	31.1	8.1	3.8	8.9	25.4	0.0	0.466	0.281	0.778	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
173	173de	0.25	0.125	0.25	0.25	0.125	0.187	330	0.175	0.124	0.25	29.5	6.1	−3.7	7.2	328.6	0.163	0.418	0.0	0.805	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
174	174de	0.25	0.125	0.375	0.375	0.25	0.25	300	0.136	0.124	0.375	29.6	6.6	−11.4	13.2	300.1	0.535	0.553	0.0	0.72	272	0.045	0.0	1.0	26.7	26.6	−45.8	52.9	300.1
175	175de	0.25	0.125	0.5	0.5	0.375	0.312	289	0.124	0.175	0.5	31.6	6.3	−17.6	18.7	289.7	0.686	0.581	0.0	0.607	262	0.0	0.133	1.0	28.9	16.8	−46.9	49.8	289.7
176	176de	0.25	0.125	0.625	0.625	0.5	0.375	284	0.125	0.225	0.625	34.3	6.2	−23.2	24.1	285.0	0.763	0.59	0.0	0.472	259	0.0	0.201	1.0	31.5	12.4	−46.5	48.2	285.0
177	177de	0.25	0.125	0.75	0.75	0.625	0.437	281	0.125	0.276	0.75	37.0	6.2	−28.8	29.4	282.1	0.817	0.601	0.0	0.338	256	0.0	0.242	1.0	33.0	9.9	−46.1	47.1	282.1
178	178de	0.25	0.125	0.875	0.875	0.75	0.5	279	0.125	0.325	0.875	39.6	6.2	−34.5	35.0	280.2	0.858	0.603	0.0	0.191	255	0.0	0.267	1.0	33.9	8.3	−46.0	46.7	280.2
179	179de	0.25	0.125	1.0	1.0	0.875	0.562	278	0.125	0.369	1.0	42.0	6.6	−40.2	40.8	279.3	0.892	0.612	0.0	0.006	254	0.0	0.279	1.0	34.4	7.5	−46.0	46.6	279.3
180	180de	0.25	0.25	0.0	0.25	0.25	0.125	90	0.25	0.21	0.0	34.0	−0.8	21.9	21.9	92.3	0.0	0.343	0.686	0.75	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
181	181de	0.25	0.25	0.125	0.25	0.125	0.187	90	0.25	0.23	0.124	35.5	−0.4	10.9	10.9	92.3	0.0	0.141	0.447	0.781	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
182	182de	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	37.1	0.0	0.0	0.0	0.0	0.031	0.021	0.0	0.791	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
183	183de	0.25	0.25	0.375	0.375	0.125	0.312	270	0.249	0.296	0.375	39.6	0.1	−5.6	5.6	271.7	0.28	0.185	0.0	0.709	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
184	184de	0.25	0.25	0.5	0.5	0.25	0.375	270	0.249	0.343	0.5	42.2	0.3	−11.3	11.3	271.7	0.473	0.302	0.0	0.596	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
185	185de	0.25	0.25	0.625	0.625	0.375	0.437	270	0.25	0.39	0.625	44.7	0.5	−17.0	17.0	271.7	0.587	0.37	0.0	0.463	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
186	186de	0.25	0.25	0.75	0.75	0.5	0.5	270	0.25	0.437	0.75	47.2	0.6	−22.7	22.7	271.7	0.667	0.407	0.0	0.329	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
187	187de	0.25	0.25	0.875	0.875	0.625	0.562	270	0.25	0.484	0.875	49.7	0.8	−28.3	28.4	271.7	0.722	0.436	0.0	0.185	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
188	188de	0.25	0.25	1.0	1.0	0.75	0.625	270	0.25	0.531	1.0	52.3	1.0	−34.0	34.0	271.7	0.758	0.443	0.0	0.017	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
189	189de	0.25	0.375	0.0	0.375	0.375	0.187	109	0.193	0.375	0.0	38.5	−11.5	25.2	27.7	114.4	0.3	0.0	0.716	0.722	118	0.516	1.0	0.0	73.3	−30.6	67.4	74.1	114.4
190	190de	0.25	0.375	0.125	0.375	0.25	0.25	120	0.206	0.375	0.124	39.4	−10.3	13.6	17.0	127.2	0.331	0.0	0.56	0.706	131	0.326	1.0	0.0	65.8	−41.4	54.4	68.3	127.2
191	191de	0.25	0.375	0.25	0.375	0.125	0.312	150	0.249	0.375	0.261	41.4	−8.3	2.6	8.8	162.2	0.38	0.0	0.3	0.684	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
192	192de	0.25	0.375	0.375	0.375	0.125	0.312	210	0.249	0.375	0.341	42.0	−4.9	−3.7	6.2	216.9	0.328	0.0	0.057	0.7	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
193	193de	0.25	0.375	0.5	0.5	0.25	0.375	240	0.249	0.446	0.5	45.9	−5.2	−11.0	12.2	244.3	0.486	0.103	0.0	0.589	221	0.0	0.784	1.0	52.7	−21.1	−44.1	48.9	244.3
194	194de	0.25	0.375	0.625	0.625	0.375	0.437	251	0.25	0.475	0.625	48.0	−4.6	−16.7	17.3	254.3	0.596	0.229	0.0	0.458	233	0.0	0.601	1.0	46.8	−12.4	−44.6	46.3	254.3
195	195de	0.25	0.375	0.75	0.75	0.5	0.5	256	0.25	0.521	0.75	50.5	−4.3	−22.4	22.9	258.9	0.675	0.299	0.0	0.321	237	0.0	0.543	1.0	44.5	−8.7	−44.9	45.8	258.9
196	196de	0.25	0.375	0.875	0.875	0.625	0.562	259	0.25	0.567	0.875	53.0	−4.1	−28.1	28.4	261.6	0.729	0.346	0.0	0.18	239	0.0	0.508	1.0	43.1	−6.5	−45.0	45.5	261.6
197	197de	0.25	0.375	1.0	1.0	0.75	0.625	261	0.25	0.613	1.0	55.5	−3.8	−33.8	34.0	263.5	0.761	0.375	0.0	0.009	241	0.0	0.484	1.0	42.1	−5.1	−45.1	45.4	263.5
198	198de	0.25	0.5	0.0	0.5	0.5	0.25	120	0.163	0.5	0.0	41.7	−20.7	27.2	34.1	127.2	0.551	0.0	0.816	0.595	131	0.326	1.0	0.0	65.8	−41.4	54.4	68.3	127.2
199	199de	0.25	0.5	0.125	0.5	0.375	0.312	131	0.194	0.5	0.124	42.9	−19.4	16.2	25.3	140.0	0.578	0.0	0.661	0.577	140	0.184	1.0	0.0	59.0	−51.7	43.3	67.4	140.0
200	200de	0.25	0.5	0.25	0.5	0.25	0.375	150	0.249	0.5	0.273	45.8	−16.7	5.3	17.6	162.2	0.574	0.0	0.444	0.545	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
201	201de	0.25	0.5	0.375	0.5	0.25	0.375	180	0.249	0.5	0.365	46.3	−13.3	−2.2	13.4	189.6	0.556	0.0	0.271	0.561	177	0.0	1.0	0.46	54.6	−53.2	−9.0	53.9	189.6
202	202de	0.25	0.5	0.5	0.5	0.25	0.375	210	0.249	0.5	0.433	46.8	−9.9	−7.4	12.4	216.9	0.518	0.0	0.118	0.581	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
203	203de	0.25	0.5	0.625	0.625	0.375	0.437	229	0.25	0.625	0.615	52.3	−11.4	−15.9	19.5	234.3	0.606	0.018	0.0	0.451	208	0.0	1.0	0.973	58.1	−30.4	−42.4	52.2	234.3
204	204de	0.25	0.5	0.75	0.75	0.5	0.5	240	0.25	0.642	0.75	54.6	−10.5	−22.0	24.4	244.3	0.682	0.14	0.0	0.317	221	0.0	0.784	1.0	52.7	−21.1	−44.1	48.9	244.3
205	205de	0.25	0.5	0.875	0.875	0.625	0.562	247	0.25	0.661	0.875	56.6	−9.6	−27.7	29.4	250.7	0.741	0.235	0.0	0.182	229	0.0	0.659	1.0	48.8	−15.5	−44.4	47.0	250.7
206	206de	0.25	0.5	1.0	1.0	0.75	0.625	251	0.25	0.701	1.0	59.0	−9.3	−33.4	34.7	254.3	0.773	0.274	0.0	0.013	233	0.0	0.601	1.0	46.8	−12.4	−44.6	46.3	254.3
207	207de	0.25	0.625	0.0	0.625	0.625	0.312	127	0.152	0.625	0.0	44.5	−30.1	29.6	42.2	135.4	0.677	0.0	0.884	0.462	136	0.243	1.0	0.0	60.7	−48.1	47.4	67.6	135.4
208	208de	0.25	0.625	0.125	0.625	0.5	0.375	136	0.181	0.625	0.125	47.0	−28.1	19.0	34.0	145.9	0.706	0.0	0.726	0.435	144	0.113	1.0	0.0	56.9	−56.3	38.1	68.0	145.9
209	209de	0.25	0.625	0.25	0.625	0.375	0.437	150	0.25	0.625	0.284	50.1	−25.1	8.0	26.4	162.2	0.69	0.0	0.531	0.403	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
210	210de	0.25	0.625	0.375	0.625	0.375	0.437	169	0.25	0.625	0.383	50.7	−21.6	0.1	21.6	179.5	0.68	0.0	0.396	0.415	170	0.0	1.0	0.356	53.9	−57.8	0.4	57.8	179.5
211	211de	0.25	0.625	0.5	0.625	0.375	0.437	191	0.25	0.625	0.46	51.2	−18.1	−6.4	19.2	199.6	0.662	0.0	0.264	0.428	184	0.0	1.0	0.561	55.3	−48.4	−17.2	51.3	199.6
212	212de	0.25	0.625	0.625	0.625	0.375	0.437	210	0.25	0.625	0.525	51.7	−14.9	−11.2	18.6	216.9	0.632	0.0	0.145	0.442	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
213	213de	0.25	0.625	0.75	0.75	0.5	0.5	224	0.25	0.75	0.704	57.1	−16.5	−19.5	25.6	229.7	0.694	0.0	0.052	0.31	205	0.0	1.0	0.909	57.7	−33.0	−39.1	51.2	229.7
214	214de	0.25	0.625	0.875	0.875	0.625	0.562	233	0.25	0.841	0.875	61.7	−17.1	−27.4	32.3	237.9	0.745	0.046	0.0	0.17	212	0.0	0.946	1.0	57.0	−27.4	−43.8	51.7	237.9
215	215de	0.25	0.625	1.0	1.0	0.75	0.625	240	0.25	0.838	1.0	63.4	−15.8	−33.1	36.7	244.3	0.777	0.139	0.0	0.012	221	0.0	0.784	1.0	52.7	−21.1	−44.1	48.9	244.3
216	216de	0.25	0.75	0.0	0.75	0.75	0.375	131	0.138	0.75	0.0	48.7	−38.8	32.4	50.6	140.0	0.784	0.0	0.931	0.326	140	0.184	1.0	0.0	59.0	−51.7	43.3	67.4	140.0
217	217de	0.25	0.75	0.125	0.75	0.625	0.437	139	0.174	0.75	0.125	51.0	−37.5	22.2	43.6	149.4	0.797	0.0	0.787	0.284	145	0.079	1.0	0.0	55.4	−60.1	35.5	69.8	149.4
218	218de	0.25	0.75	0.25	0.75	0.5	0.5	150	0.25	0.75	0.296	54.5	−33.5	10.7	35.2	162.2	0.771	0.0	0.591	0.249	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
219	219de	0.25	0.75	0.375	0.75	0.5	0.5	164	0.25	0.75	0.399	55.1	−30.1	2.6	30.2	175.0	0.762	0.0	0.475	0.261	166	0.0	1.0	0.299	53.6	−60.2	5.2	60.4	175.0
220	220de	0.25	0.75	0.5	0.75	0.5	0.5	180	0.25	0.75	0.48	55.6	−26.6	−4.5	26.9	189.6	0.752	0.0	0.374	0.271	177	0.0	1.0	0.46	54.6	−53.2	−9.0	53.9	189.6
221	221de	0.25	0.75	0.625	0.75	0.5	0.5	196	0.25	0.75	0.553	56.1	−23.0	−10.3	25.2	204.2	0.733	0.0	0.276	0.283	187	0.0	1.0	0.607	55.6	−46.0	−20.7	50.5	204.2
222	222de	0.25	0.75	0.75	0.75	0.5	0.5	210	0.25	0.75	0.617	56.6	−19.8	−14.9	24.9	216.9	0.716	0.0	0.172	0.295	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
223	223de	0.25	0.75	0.875	0.875	0.625	0.562	221	0.25	0.875	0.794	62.0	−21.5	−23.1	31.6	227.0	0.76	0.0	0.102	0.16	203	0.0	1.0	0.87	57.5	−34.5	−37.0	50.6	227.0
224	224de	0.25	0.75	1.0	1.0	0.75	0.625	229	0.25	1.0	0.98	67.5	−22.8	−31.8	39.1	234.3	0.789	0.0	0.018	0.0	208	0.0	1.0	0.973	58.1	−30.4	−42.4	52.2	234.3
225	225de	0.25	0.875	0.0	0.875	0.875	0.437	134	0.121	0.875	0.0	52.7	−47.4	35.0	58.9	143.5	0.843	0.0	0.967	0.182	142	0.139	1.0	0.0	57.8	−54.2	40.0	67.3	143.5
226	226de	0.25	0.875	0.125	0.875	0.75	0.5	141	0.168	0.875	0.125	55.0	−46.9	25.2	53.3	151.7	0.858	0.0	0.834	0.139	147	0.057	1.0	0.0	54.4	−62.6	33.6	71.1	151.7
227	227de	0.25	0.875	0.25	0.875	0.625	0.562	150	0.25	0.875	0.308	58.8	−41.9	13.4	44.0	162.2	0.823	0.0	0.641	0.092	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
228	228de	0.25	0.875	0.375	0.875	0.625	0.562	161	0.25	0.875	0.416	59.4	−38.4	5.2	38.7	172.2	0.815	0.0	0.54	0.104	164	0.0	1.0	0.265	53.3	−61.4	8.3	62.0	172.2
229	229de	0.25	0.875	0.5	0.875	0.625	0.562	173	0.25	0.875	0.497	59.9	−35.0	−1.9	35.1	183.2	0.806	0.0	0.452	0.115	173	0.0	1.0	0.396	54.2	−56.1	−3.1	56.2	183.2
230	230de	0.25	0.875	0.625	0.875	0.625	0.562	187	0.25	0.875	0.577	60.4	−31.3	−8.9	32.5	195.9	0.798	0.0	0.359	0.129	181	0.0	1.0	0.524	55.0	−50.0	−14.3	52.1	195.9
231	231de	0.25	0.875	0.75	0.875	0.625	0.562	199	0.25	0.875	0.646	61.0	−27.9	−14.2	31.3	206.9	0.786	0.0	0.28	0.139	188	0.0	1.0	0.635	55.9	−44.7	−22.7	50.1	206.9
232	232de	0.25	0.875	0.875	0.875	0.625	0.562	210	0.25	0.875	0.709	61.4	−24.8	−18.7	31.1	216.9	0.775	0.0	0.195	0.148	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
233	233de	0.25	0.875	1.0	1.0	0.75	0.625	219	0.25	1.0	0.883	66.9	−26.6	−26.8	37.8	225.1	0.789	0.0	0.125	0.0	201	0.0	1.0	0.845	57.3	−35.5	−35.8	50.4	225.1
234	234de	0.25	1.0	0.0	1.0	1.0	0.5	136	0.113	1.0	0.0	56.9	−56.3	38.1	68.0	145.9	0.886	0.0	1.0	0.0	144	0.113	1.0	0.0	56.9	−56.3	38.1	68.0	145.9
235	235de	0.25	1.0	0.125	1.0	0.875	0.562	142	0.165	1.0	0.125	59.1	−55.8	28.5	62.7	152.9	0.88	0.0	0.874	0.0	147	0.046	1.0	0.0	53.9	−63.8	32.6	71.7	152.9
236	236de	0.25	1.0	0.25	1.0	0.75	0.625	150	0.25	1.0	0.319	63.1	−50.3	16.1	52.8	162.2	0.875	0.0	0.75	0.0	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
237	237de	0.25	1.0	0.375	1.0	0.75	0.625	159	0.25	1.0	0.43	63.8	−46.7	7.8	47.4	170.4	0.875	0.0	0.625	0.0	163	0.0	1.0	0.24	53.2	−62.3	10.5	63.2	170.4
238	238de	0.25	1.0	0.5	1.0	0.75	0.625	169	0.25	1.0	0.517	64.3	−43.3	0.3	43.3	179.5	0.875	0.0	0.5	0.0	170	0.0	1.0	0.356	53.9	−57.8	0.4	57.8	179.5
239	239de	0.25	1.0	0.625	1.0	0.75	0.625	180	0.25	1.0	0.595	64.8	−39.9	−6.7	40.4	189.6	0.814	0.0	0.376	0.0	177	0.0	1.0	0.46	54.6	−53.2	−9.0	53.9	189.6
240	240de	0.25	1.0	0.75	1.0	0.75	0.625	191	0.25	1.0	0.671	65.3	−36.3	−12.9	38.5	199.6	0.875	0.0	0.375	0.0	184	0.0	1.0	0.561	55.3	−48.4	−17.2	51.3	199.6
241	241de	0.25	1.0	0.875	1.0	0.75	0.625	201	0.25	1.0	0.739	65.9	−32.9	−18.0	37.5	208.7	0.806	0.0	0.25	0.0	190	0.0	1.0	0.653	56.0	−43.9	−24.1	50.0	208.7
242	242de	0.25	1.0	1.0	1.0	0.75	0.625	210	0.25	1.0	0.801	66.3	−29.8	−22.4	37.3	216.9	0.799	0.0	0.172	0.0	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9

delta

4-1131030-F0

PI450−7N, 11/22−F

Grafico TUB-PI45; 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**$_{Mde}$				
243	243$_{de}$	0.375	0.0	0.0	0.375	0.375	0.187	390	0.375	0.0	0.078	28.9	24.3	11.6	26.9	25.4	0.0	0.768	0.598	0.663	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
244	244$_{de}$	0.375	0.0	0.125	0.375	0.375	0.187	371	0.375	0.0	0.247	29.0	26.0	1.9	26.1	4.3	0.0	0.761	0.3	0.671	349	1.0	0.0	0.66	48.0	69.4	5.2	69.6	4.3
245	245$_{de}$	0.375	0.0	0.25	0.375	0.375	0.187	349	0.277	0.0	0.375	27.1	24.5	−5.8	25.2	346.6	0.03	0.712	0.0	0.725	315	0.739	0.0	1.0	42.9	65.4	−15.5	67.2	346.6
246	246$_{de}$	0.375	0.0	0.375	0.375	0.375	0.187	330	0.152	0.0	0.375	24.1	18.4	−11.2	21.6	328.6	0.38	0.708	0.0	0.729	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
247	247$_{de}$	0.375	0.0	0.5	0.5	0.5	0.25	316	0.136	0.0	0.5	24.8	19.2	−19.0	27.0	315.3	0.652	0.812	0.0	0.602	285	0.273	0.0	1.0	31.9	38.4	−38.0	54.0	315.3
248	248$_{de}$	0.375	0.0	0.625	0.625	0.625	0.312	307	0.078	0.0	0.625	24.9	19.9	−26.6	33.2	306.8	0.788	0.866	0.0	0.469	276	0.126	0.0	1.0	29.3	31.8	−42.5	53.1	306.8
249	249$_{de}$	0.375	0.0	0.75	0.75	0.75	0.375	300	0.034	0.0	0.75	24.5	19.9	−34.3	39.7	300.1	0.908	0.91	0.0	0.338	272	0.045	0.0	1.0	26.7	26.6	−45.8	52.9	300.1
250	250$_{de}$	0.375	0.0	0.875	0.875	0.875	0.437	295	0.0	0.017	0.875	24.8	19.7	−41.4	45.8	295.4	0.965	0.926	0.0	0.191	268	0.0	0.02	1.0	25.8	22.5	−47.3	52.4	295.4
251	251$_{de}$	0.375	0.0	1.0	1.0	1.0	0.5	292	0.0	0.078	1.0	27.4	19.6	−47.2	51.1	292.5	1.0	0.92	0.0	0.0	265	0.0	0.078	1.0	27.4	19.6	−47.2	51.1	292.5
252	252$_{de}$	0.375	0.125	0.0	0.375	0.375	0.187	49	0.375	0.077	0.0	31.4	18.0	19.1	26.3	46.6	0.0	0.689	0.758	0.665	41	1.0	0.205	0.0	54.3	48.2	51.0	70.2	46.6
253	253$_{de}$	0.375	0.125	0.125	0.375	0.25	0.25	390	0.375	0.124	0.177	34.9	16.2	7.7	17.9	25.4	0.0	0.606	0.41	0.66	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
254	254$_{de}$	0.375	0.125	0.25	0.375	0.25	0.25	360	0.362	0.124	0.375	34.8	17.8	−2.4	18.0	352.0	0.0	0.593	0.076	0.683	327	0.948	0.0	1.0	47.3	71.5	−9.9	72.1	352.0
255	255$_{de}$	0.375	0.125	0.375	0.375	0.25	0.25	330	0.226	0.124	0.375	31.7	12.3	−7.5	14.4	328.6	0.242	0.578	0.0	0.717	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
256	256$_{de}$	0.375	0.125	0.5	0.5	0.375	0.312	311	0.201	0.124	0.5	32.3	13.0	−15.1	19.9	310.5	0.543	0.667	0.0	0.601	281	0.205	0.0	1.0	30.7	34.6	−40.4	53.3	310.5
257	257$_{de}$	0.375	0.125	0.625	0.625	0.5	0.375	300	0.147	0.125	0.625	31.9	13.3	−22.9	26.4	300.1	0.718	0.712	0.0	0.47	272	0.045	0.0	1.0	26.7	26.6	−45.8	52.9	300.1
258	258$_{de}$	0.375	0.125	0.75	0.75	0.625	0.437	293	0.125	0.162	0.75	33.1	12.8	−29.5	32.2	293.5	0.811	0.723	0.0	0.338	266	0.0	0.059	1.0	26.8	20.5	−47.2	51.5	293.5
259	259$_{de}$	0.375	0.125	0.875	0.875	0.75	0.5	289	0.125	0.225	0.875	35.8	12.6	−35.2	37.4	289.7	0.857	0.709	0.0	0.193	262	0.0	0.133	1.0	28.9	16.8	−46.9	49.8	289.7
260	260$_{de}$	0.375	0.125	1.0	1.0	0.875	0.562	286	0.125	0.277	1.0	38.6	12.4	−40.9	42.7	286.9	0.893	0.71	0.0	0.003	260	0.0	0.174	1.0	30.4	14.2	−46.7	48.8	286.9
261	261$_{de}$	0.375	0.25	0.0	0.375	0.375	0.187	71	0.375	0.185	0.0	36.2	8.6	25.2	26.7	71.1	0.0	0.478	0.766	0.666	59	1.0	0.495	0.0	67.0	23.0	67.3	71.2	71.1
262	262$_{de}$	0.375	0.25	0.125	0.375	0.25	0.25	60	0.375	0.212	0.124	38.0	8.9	14.7	17.2	58.8	0.0	0.456	0.552	0.666	50	1.0	0.349	0.0	60.3	35.6	59.0	68.9	58.8
263	263$_{de}$	0.375	0.25	0.25	0.375	0.125	0.312	390	0.375	0.249	0.276	40.8	8.1	3.8	8.9	25.4	0.0	0.37	0.242	0.675	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
264	264$_{de}$	0.375	0.25	0.375	0.375	0.125	0.312	330	0.3	0.249	0.375	39.2	6.1	−3.7	7.2	328.6	0.105	0.321	0.0	0.707	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
265	265$_{de}$	0.375	0.25	0.5	0.5	0.25	0.375	300	0.261	0.249	0.5	39.4	6.6	−11.4	13.2	300.1	0.432	0.467	0.0	0.594	272	0.045	0.0	1.0	26.7	26.6	−45.8	52.9	300.1
266	266$_{de}$	0.375	0.25	0.625	0.625	0.375	0.437	289	0.25	0.3	0.625	41.3	6.3	−17.6	18.7	289.7	0.578	0.508	0.0	0.459	262	0.0	0.133	1.0	28.9	16.8	−46.9	49.8	289.7
267	267$_{de}$	0.375	0.25	0.75	0.75	0.5	0.5	284	0.25	0.35	0.75	44.0	6.2	−23.2	24.1	285.0	0.661	0.52	0.0	0.325	259	0.0	0.201	1.0	31.5	12.4	−46.5	48.2	285.0
268	268$_{de}$	0.375	0.25	0.875	0.875	0.625	0.562	281	0.25	0.401	0.875	46.7	6.2	−28.8	29.4	282.1	0.714	0.529	0.0	0.183	256	0.0	0.242	1.0	33.0	9.9	−46.1	47.1	282.1
269	269$_{de}$	0.375	0.25	1.0	1.0	0.75	0.625	279	0.25	0.45	1.0	49.3	6.2	−34.5	35.0	280.2	0.749	0.518	0.0	0.01	255	0.0	0.267	1.0	33.9	8.3	−46.0	46.7	280.2
270	270$_{de}$	0.375	0.375	0.0	0.375	0.375	0.187	90	0.375	0.315	0.0	42.1	−1.3	32.9	32.9	92.3	0.0	0.187	0.765	0.667	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
271	271$_{de}$	0.375	0.375	0.125	0.375	0.25	0.25	90	0.375	0.335	0.124	43.7	−0.8	21.9	21.9	92.3	0.0	0.185	0.621	0.674	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
272	272$_{de}$	0.375	0.375	0.25	0.375	0.125	0.312	90	0.375	0.355	0.249	45.3	−0.4	10.9	10.9	92.3	0.0	0.112	0.359	0.683	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
273	273$_{de}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.8	0.0	0.0	0.0	0.0	0.034	0.018	0.0	0.69	360	1.0	1.0	1.0	95.4	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	0.421	0.5	49.4	0.1	−5.6	5.6	271.7	0.23	0.142	0.0	0.602	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
275	275$_{de}$	0.375	0.375	0.625	0.625	0.25	0.5	270	0.375	0.468	0.625	51.9	0.3	−11.3	11.3	271.7	0.405	0.245	0.0	0.468	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
276	276$_{de}$	0.375	0.375	0.75	0.75	0.375	0.562	270	0.375	0.515	0.75	54.4	0.5	−17.0	17.0	271.7	0.521	0.306	0.0	0.332	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
277	277$_{de}$	0.375	0.375	0.875	0.875	0.5	0.625	270	0.375	0.562	0.875	56.9	0.6	−22.7	22.7	271.7	0.605	0.346	0.0	0.189	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
278	278$_{de}$	0.375	0.375	1.0	1.0	0.625	0.687	270	0.375	0.609	1.0	59.5	0.8	−28.3	28.4	271.7	0.669	0.372	0.0	0.017	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
279	279$_{de}$	0.375	0.5	0.0	0.5	0.5	0.25	104	0.309	0.5	0.0	47.3	−12.7	37.9	40.0	108.6	0.245	0.0	0.808	0.608	112	0.619	1.0	0.0	76.9	−25.5	75.9	80.1	108.6
280	280$_{de}$	0.375	0.5	0.125	0.5	0.375	0.312	109	0.318	0.5	0.124	48.3	−11.5	25.2	27.7	114.4	0.252	0.0	0.671	0.6	118	0.516	1.0	0.0	73.3	−30.6	67.4	74.1	114.4
281	281$_{de}$	0.375	0.5	0.25	0.5	0.25	0.375	120	0.331	0.5	0.249	49.1	−10.3	13.6	17.0	127.2	0.293	0.0	0.471	0.587	131	0.326	1.0	0.0	65.8	−41.4	54.4	68.3	127.2
282	282$_{de}$	0.375	0.5	0.375	0.5	0.125	0.437	150	0.375	0.5	0.386	51.2	−8.3	2.6	8.8	162.2	0.327	0.0	0.249	0.567	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
283	283$_{de}$	0.375	0.5	0.5	0.5	0.125	0.437	210	0.375	0.5	0.466	51.7	−4.9	−3.7	6.2	216.9	0.276	0.0	0.059	0.59	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
284	284$_{de}$	0.375	0.5	0.625	0.625	0.25	0.5	240	0.375	0.571	0.625	55.6	−5.2	−11.0	12.2	244.3	0.422	0.08	0.0	0.46	221	0.0	0.784	1.0	52.7	−21.1	−44.1	48.9	244.3
285	285$_{de}$	0.375	0.5	0.75	0.75	0.375	0.562	251	0.375	0.6	0.75	57.7	−4.6	−16.7	17.3	254.3	0.532	0.184	0.0	0.327	233	0.0	0.601	1.0	46.8	−12.4	−44.6	46.3	254.3
286	286$_{de}$	0.375	0.5	0.875	0.875	0.5	0.625	256	0.375	0.646	0.875	60.2	−4.3	−22.4	22.9	258.9	0.615	0.253	0.0	0.184	237	0.0	0.543	1.0	44.5	−8.7	−44.9	45.8	258.9
287	287$_{de}$	0.375	0.5	1.0	1.0	0.625	0.687	259	0.375	0.692	1.0	62.7	−4.1	−28.1	28.4	261.6	0.674	0.287	0.0	0.014	239	0.0	0.508	1.0	43.1	−6.5	−45.0	45.5	261.6
288	288$_{de}$	0.375	0.625	0.0	0.625	0.625	0.312	113	0.271	0.625	0.0	50.8	−21.5	38.6	44.2	119.1	0.462	0.0	0.884	0.46	124	0.433	1.0	0.0	70.7	−34.4	61.9	70.8	119.1
289	289$_{de}$	0.375	0.625	0.125	0.625	0.5	0.375	120	0.288	0.625	0.125	51.4	−20.7	27.2	34.1	127.2	0.475	0.0	0.724	0.45	131	0.326	1.0	0.0	65.8	−41.4	54.4	68.3	127.2
290	290$_{de}$	0.375	0.625	0.25	0.625	0.375	0.437	131	0.319	0.625	0.25	52.6	−19.4	16.2	25.3	140.0	0.507	0.0	0.568	0.437	140	0.184	1.0	0.0	59.0	−51.7	43.3	67.4	140.0
291	291$_{de}$	0.375	0.625	0.375	0.625	0.25	0.5	150	0.375	0.625	0.398	55.5	−16.7	5.3	17.6	162.2	0.512	0.0	0.381	0.412	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
292	292$_{de}$	0.375	0.625	0.5	0.625	0.25	0.5	180	0.375	0.625	0.49	56.0	−13.3	−2.2	13.4	189.6	0.491	0.0	0.23	0.428	177	0.0	1.0	0.46	54.6	−53.2	−9.0	53.9	189.6
293	293$_{de}$	0.375	0.625	0.625	0.625	0.25	0.5	210	0.375	0.625	0.558	56.6	−9.9	−7.4	12.4	216.9	0.45	0.0	0.099	0.449	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
294	294$_{de}$	0.375	0.625	0.75	0.75	0.375	0.562	229	0.375	0.75	0.74	62.0	−11.4	−15.9	19.5	234.3	0.546	0.006	0.0	0.315	208	0.0	1.0	0.973	58.1	−30.4	−42.4	52.2	234.3
295	295$_{de}$	0.375	0.625	0.875	0.875	0.5	0.625	240	0.375	0.767	0.875	64.3	−10.5	−22.0	24.4	244.3	0.622	0.111	0.0	0.18	221	0.0	0.784	1.0	52.7	−21.1	−44.1	48.9	244.3
296	296$_{de}$	0.375	0.625	1.0	1.0	0.625	0.687	247	0.375	0.786	1.0	66.3	−9.6	−27.7	29.4	250.7	0.679	0.183	0.0	0.016	229	0.0	0.659	1.0	48.8	−15.5	−44.4	47.0	250.7
297	297$_{de}$	0.375	0.75	0.0	0.75	0.75	0.375	120	0.245	0.75	0.0	53.7	−31.0	40.8	51.2	127.2	0.61	0.0	0.933	0.318	131	0.326	1.0	0.0	65.8	−41.4	54.4	68.3	127.2
298	298$_{de}$	0.375	0.75	0.125	0.75	0.625	0.437	127	0.277	0.75	0.125	54.3	−30.1	29.6	42.2	135.4	0.625	0.0	0.784	0.307	136	0.243	1.0	0.0	60.7	−48.1	47.4	67.6	135.4
299	299$_{de}$	0.375	0.75	0.25	0.75	0.5	0.5	136	0.306	0.75	0.25	56.7	−28.1	19.0	34.0	145.9	0.633	0.0	0.63	0.277	144	0.113	1.0	0.0	56.9	−56.3	38.1	68.0	145.9
300	300$_{de}$	0.375	0.75	0.375	0.75	0.375	0.562	150	0.375	0.75	0.409	59.8	−25.1	8.0	26.4	162.2	0.626	0.0	0.464	0.247	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
301	301$_{de}$	0.375	0.75	0.5	0.75	0.375	0.562	169	0.375	0.75	0.508	60.4	−21.6	0.1	21.6	179.5	0.611	0.0	0.347	0.261	170	0.0	1.0	0.356	53.9	−57.8	0.4	57.8	179.5
302	302$_{de}$	0.375	0.75	0.625	0.75	0.375	0.562	191	0.375	0.75	0.585	60.9	−18.1	−6.4	19.2	199.6	0.594	0.0	0.233	0.278	184	0.0	1.0	0.561	55.3	−48.4	−17.2	51.3	199.6
303	303$_{de}$	0.375	0.75	0.75	0.75	0.375	0.562	210	0.375	0.75	0.65	61.4	−14.9	−11.2	18.6	216.9	0.571	0.0	0.131	0.297	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
304	304$_{de}$	0.375	0.75	0.875	0.875	0.5	0.625	224	0.375	0.875	0.829	66.9	−16.5	−19.5	25.6	229.7	0.636	0.0	0.055	0.164	205	0.0	1.0	0.909	57.7	−33.0	−39.1	51.2	229.7
305	305$_{de}$	0.375	0.75	1.0	1.0	0.625	0.687	233	0.375	0.966	1.0	71.4	−17.1	−27.4	32.3	237.9	0.688	0.018	0.0	0.003	212	0.0	0.946	1.0	57.0	−27.4	−43.8	51.7	237.9
306	306$_{de}$	0.375	0.875	0.0	0.875	0.875	0.437	125	0.235	0.875	0.0	56.5	−40.5	43.3	59.3	133.0	0.712	0.0	0.967	0.179	134	0.268	1.0	0.0	62.0	−46.3	49.5	67.8	133.0
307	307$_{de}$	0.375	0.875	0.125	0.875	0.75	0.5	131	0.263	0.875	0.125	58.4	−38.8	32.4	50.6	140.0	0.708	0.0	0.824	0.156	140	0.184	1.0	0.0	59.0	−51.7	43.3	67.4	140.0
308	308$_{de}$	0.375	0.875	0.25	0.875	0.625	0.562	139	0.299	0.875	0.25	60.7	−37.5	22.2	43.6	149.4	0.726	0.0	0.685	0.122	145	0.079	1.0	0.0	55.4	−60.1	35.5	69.8	149.4
309	309$_{de}$	0.375	0.875	0.375	0.875	0.5	0.625	150	0.375	0.875	0.421	64.2	−33.5	10.7	35.2	162.2	0.702	0.0	0.528	0.078	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
310	310$_{de}$	0.375	0.875	0.5	0.875	0.5	0.625	164	0.375	0.875	0.524	64.8	−30.1	2.6	30.2	175.0	0.692	0.0	0.428	0.095	166	0.0	1.0	0.299	53.6	−60.2	5.2	60.4	175.0
311	311$_{de}$	0.375	0.875	0.625	0.875	0.5	0.625	180	0.375	0.875	0.605	65.3	−26.6	−4.5	26.9	189.6	0.682	0.0	0.338	0.112	177	0.0	1.0	0.46	54.6	−53.2	−9.0	53.9	189.6
312	312$_{de}$	0.375	0.875	0.75	0.875	0.5	0.625	196	0.375	0.875	0.678	65.8	−23.0	−10.3	25.2	204.2	0.667	0.0	0.248	0.131	187	0.0	1.0	0.607	55.6	−46.0	−20.7	50.5	204.2
313	313$_{de}$	0.375	0.875	0.875	0.875	0.5	0.625	210	0.375	0.875	0.742	66.3	−19.8	−14.9	24.9	216.9	0.653	0.0	0.159	0.147	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
314	314$_{de}$	0.375	0.875	1.0	1.0	0.625	0.687	221	0.375	1.0	0.919	71.7	−21.5	−23.1	31.6	227.0	0.695	0.0	0.077	0.0	203	0.0	1.0	0.87	57.5	−34.5	−37.0	50.6	227.0
315	315$_{de}$	0.375	1.0	0.0	1.0	1.0	0.5	128	0.229	1.0	0.0	60.2	−49.1	46.4	67.6	136.5	0.77	0.0	1.0	0.0	137	0.229	1.0	0.0	60.2	−49.1	46.4	67.6	136.5
316	316$_{de}$	0.375	1.0	0.125	1.0	0.875	0.562	134	0.246	1.0	0.125	62.5	−47.4	35.0	58.9	143.5	0.761	0.0	0.836	0.0	142	0.139	1.0	0.0	57.8	−54.2	40.0	67.3	143.5
317	317$_{de}$	0.375	1.0	0.25	1.0	0.75	0.625	141	0.293	1.0	0.25	64.7	−46.9	25.2	53.3	151.7	0.75	0.0	0.75	0.0	147	0.057	1.0	0.0	54.4	−62.6	33.6	71.1	151.7
318	318$_{de}$	0.375	1.0	0.375	1.0	0.625	0.687	150	0.375	1.0	0.433	68.5	−41.9	13.4	44.0	162.2	0.75	0.0	0.625	0.0	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
319	319$_{de}$	0.375	1.0	0.5	1.0	0.625	0.687	161	0.375	1.0	0.541	69.1	−38.4	5.2	38.7	172.2	0.75	0.0	0.5	0.0	164	0.0	1.0	0.265	53.3	−61.4	8.3	62.0	172.2
320	320$_{de}$	0.375	1.0	0.625	1.0	0.625	0.687	173	0.375	1.0	0.622	69.6	−35.0	−1.9	35.1	183.2	0.713	0.0	0.376	0.0	173	0.0	1.0	0.396	54.2	−56.1	−3.1	56.2	183.2
321	321$_{de}$	0.375	1.0	0.75	1.0	0.625	0.687	187	0.375	1.0	0.702	70.2	−31.3	−8.9	32.5	195.9	0.711	0.0	0.277	0.0	181	0.0	1.0	0.524	55.0	−50.0	−14.3	52.1	195.9
322	322$_{de}$	0.375	1.0	0.875	1.0	0.625	0.687	199	0.375	1.0	0.771	70.7	−27.9	−14.2	31.3	206.9	0.706	0.0	0.25	0.0	188	0.0	1.0	0.635	55.9	−44.7	−22.7	50.1	206.9
323	323$_{de}$	0.375	1.0	1.0	1.0	0.625	0.687	210	0.375	1.0	0.834	71.2	−24.8	−18.7	31.1	216.9	0.699	0.0	0.147	0.0	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9

delta

Grafico TUB-PI45; grafico per il test colori e la differenza, ΔE'*, 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**$_{Mde}$			
324	324$_{de}$	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.104	32.6	32.4	15.4	35.9	25.4	0.0	0.843	0.663	0.548	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
325	325$_{de}$	0.5	0.0	0.125	0.5	0.5	0.25	376	0.5	0.0	0.269	32.7	34.0	5.9	34.6	9.8	0.0	0.84	0.426	0.554	357	1.0	0.0	0.538	47.8	68.1	11.8	69.2	9.8
326	326$_{de}$	0.5	0.0	0.25	0.5	0.5	0.25	360	0.474	0.0	0.5	32.5	35.7	−4.9	36.0	352.0	0.0	0.829	0.08	0.574	327	0.948	0.0	1.0	47.3	71.5	−9.9	72.1	352.0
327	327$_{de}$	0.5	0.0	0.375	0.5	0.5	0.25	344	0.33	0.0	0.5	29.6	30.5	−9.9	32.1	341.8	0.209	0.815	0.0	0.597	310	0.661	0.0	1.0	41.6	61.0	−19.9	64.2	341.8
328	328$_{de}$	0.5	0.0	0.5	0.5	0.5	0.25	330	0.203	0.0	0.5	26.2	24.6	−15.0	28.8	328.6	0.477	0.802	0.0	0.617	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
329	329$_{de}$	0.5	0.0	0.625	0.625	0.625	0.312	319	0.186	0.0	0.625	26.9	25.5	−22.8	34.2	318.1	0.64	0.877	0.0	0.478	286	0.298	0.0	1.0	32.4	40.8	−36.5	54.7	318.1
330	330$_{de}$	0.5	0.0	0.75	0.75	0.75	0.375	311	0.153	0.0	0.75	27.5	26.0	−30.3	39.9	310.5	0.762	0.915	0.0	0.341	281	0.205	0.0	1.0	30.7	34.6	−40.4	53.3	310.5
331	331$_{de}$	0.5	0.0	0.875	0.875	0.875	0.437	305	0.089	0.0	0.875	27.2	26.5	−38.1	46.4	304.9	0.872	0.954	0.0	0.187	275	0.102	0.0	1.0	28.6	30.3	−43.5	53.1	304.9
332	332$_{de}$	0.5	0.0	1.0	1.0	1.0	0.5	300	0.045	0.0	1.0	26.7	26.6	−45.8	52.9	300.1	0.954	1.0	0.0	0.0	272	0.045	0.0	1.0	26.7	26.6	−45.8	52.9	300.1
333	333$_{de}$	0.5	0.125	0.0	0.5	0.5	0.25	44	0.5	0.066	0.0	34.6	27.1	23.6	35.9	41.0	0.0	0.777	0.831	0.548	37	1.0	0.133	0.0	51.5	54.2	47.2	71.9	41.0
334	334$_{de}$	0.5	0.125	0.125	0.5	0.375	0.312	390	0.5	0.124	0.203	38.6	24.3	11.6	26.9	25.4	0.0	0.691	0.497	0.539	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
335	335$_{de}$	0.5	0.125	0.25	0.5	0.375	0.312	371	0.5	0.124	0.372	38.8	26.0	1.9	26.1	4.3	0.0	0.689	0.263	0.548	349	1.0	0.0	0.66	48.0	69.4	5.2	69.6	4.3
336	336$_{de}$	0.5	0.125	0.375	0.5	0.375	0.312	349	0.402	0.124	0.5	36.8	24.5	−5.8	25.2	346.6	0.022	0.663	0.0	0.603	315	0.739	0.0	1.0	42.9	65.4	−15.5	67.2	346.6
337	337$_{de}$	0.5	0.125	0.5	0.5	0.375	0.312	330	0.277	0.124	0.5	33.8	18.4	−11.2	21.6	328.6	0.343	0.691	0.0	0.602	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
338	338$_{de}$	0.5	0.125	0.625	0.625	0.5	0.375	316	0.261	0.125	0.625	34.5	19.2	−19.0	27.0	315.3	0.533	0.736	0.0	0.453	285	0.273	0.0	1.0	31.9	38.4	−38.0	54.0	315.3
339	339$_{de}$	0.5	0.125	0.75	0.75	0.625	0.437	307	0.203	0.125	0.75	34.7	19.9	−26.6	33.2	306.8	0.679	0.78	0.0	0.317	276	0.126	0.0	1.0	29.3	31.8	−42.5	53.1	306.8
340	340$_{de}$	0.5	0.125	0.875	0.875	0.75	0.5	300	0.159	0.125	0.875	34.2	19.9	−34.3	39.7	300.1	0.809	0.808	0.0	0.189	272	0.045	0.0	1.0	26.7	26.6	−45.8	52.9	300.1
341	341$_{de}$	0.5	0.125	1.0	1.0	0.875	0.562	295	0.125	0.142	1.0	34.5	19.7	−41.4	45.8	295.4	0.888	0.824	0.0	0.016	268	0.0	0.02	1.0	25.8	22.5	−47.3	52.4	295.4
342	342$_{de}$	0.5	0.25	0.0	0.5	0.5	0.25	60	0.5	0.174	0.0	39.0	17.8	29.5	34.4	58.8	0.0	0.607	0.842	0.549	50	1.0	0.349	0.0	60.3	35.6	59.0	68.9	58.8
343	343$_{de}$	0.5	0.25	0.125	0.5	0.375	0.312	49	0.5	0.202	0.124	41.1	18.0	19.1	26.3	46.6	0.0	0.601	0.628	0.54	41	1.0	0.205	0.0	54.3	48.2	51.0	70.2	46.6
344	344$_{de}$	0.5	0.25	0.25	0.5	0.25	0.375	390	0.5	0.249	0.302	44.6	16.2	7.7	17.9	25.4	0.0	0.524	0.354	0.54	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
345	345$_{de}$	0.5	0.25	0.375	0.5	0.25	0.375	360	0.487	0.249	0.5	44.5	17.8	−2.4	18.0	352.0	0.0	0.508	0.074	0.564	327	0.948	0.0	1.0	47.3	71.5	−9.9	72.1	352.0
346	346$_{de}$	0.5	0.25	0.5	0.5	0.25	0.375	330	0.351	0.249	0.5	41.4	12.3	−7.5	14.4	328.6	0.199	0.487	0.0	0.598	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
347	347$_{de}$	0.5	0.25	0.625	0.625	0.375	0.437	311	0.326	0.25	0.625	42.0	13.0	−15.1	19.9	310.5	0.448	0.574	0.0	0.45	281	0.205	0.0	1.0	30.7	34.6	−40.4	53.3	310.5
348	348$_{de}$	0.5	0.25	0.75	0.75	0.5	0.5	300	0.272	0.25	0.75	41.6	13.3	−22.9	26.4	300.1	0.614	0.636	0.0	0.314	272	0.045	0.0	1.0	26.7	26.6	−45.8	52.9	300.1
349	349$_{de}$	0.5	0.25	0.875	0.875	0.625	0.562	293	0.25	0.287	0.875	42.8	12.8	−29.5	32.2	293.5	0.706	0.639	0.0	0.181	266	0.0	0.059	1.0	26.8	20.5	−47.2	51.5	293.5
350	350$_{de}$	0.5	0.25	1.0	1.0	0.75	0.625	289	0.25	0.35	1.0	45.5	12.6	−35.2	37.4	289.7	0.74	0.619	0.0	0.005	262	0.0	0.133	1.0	28.9	16.8	−46.9	49.8	289.7
351	351$_{de}$	0.5	0.375	0.0	0.5	0.5	0.25	76	0.5	0.281	0.0	44.0	8.5	36.1	37.0	76.7	0.0	0.457	0.841	0.553	64	1.0	0.563	0.0	70.4	17.0	72.2	74.1	76.7
352	352$_{de}$	0.5	0.375	0.125	0.5	0.375	0.312	71	0.5	0.31	0.124	45.9	8.6	25.2	26.7	71.1	0.0	0.428	0.677	0.546	59	1.0	0.495	0.0	67.0	23.0	67.3	71.2	71.1
353	353$_{de}$	0.5	0.375	0.25	0.5	0.25	0.375	60	0.5	0.337	0.249	47.8	8.9	14.7	17.2	58.8	0.0	0.401	0.471	0.546	50	1.0	0.349	0.0	60.3	35.6	59.0	68.9	58.8
354	354$_{de}$	0.5	0.375	0.375	0.5	0.125	0.437	390	0.5	0.375	0.401	50.6	8.1	3.8	8.9	25.4	0.0	0.318	0.203	0.557	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
355	355$_{de}$	0.5	0.375	0.5	0.5	0.125	0.437	330	0.425	0.375	0.5	49.0	6.1	−3.7	7.2	328.6	0.073	0.255	0.0	0.609	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
356	356$_{de}$	0.5	0.375	0.625	0.625	0.25	0.5	300	0.386	0.375	0.625	49.1	6.6	−11.4	13.2	300.1	0.373	0.386	0.0	0.464	272	0.045	0.0	1.0	26.7	26.6	−45.8	52.9	300.1
357	357$_{de}$	0.5	0.375	0.75	0.75	0.375	0.562	289	0.375	0.425	0.75	51.0	6.3	−17.6	18.7	289.7	0.511	0.426	0.0	0.327	262	0.0	0.133	1.0	28.9	16.8	−46.9	49.8	289.7
358	358$_{de}$	0.5	0.375	0.875	0.875	0.5	0.625	284	0.375	0.475	0.875	53.7	6.2	−23.2	24.1	285.0	0.599	0.443	0.0	0.184	259	0.0	0.201	1.0	31.5	12.4	−46.5	48.2	285.0
359	359$_{de}$	0.5	0.375	1.0	1.0	0.625	0.687	281	0.375	0.526	1.0	56.4	6.2	−28.8	29.4	282.1	0.665	0.442	0.0	0.012	256	0.0	0.242	1.0	33.0	9.9	−46.1	47.1	282.1
360	360$_{de}$	0.5	0.5	0.0	0.5	0.5	0.25	90	0.5	0.42	0.0	50.3	−1.7	43.9	43.9	92.3	0.0	0.216	0.867	0.5	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
361	361$_{de}$	0.5	0.5	0.125	0.5	0.375	0.312	90	0.5	0.44	0.124	51.8	−1.3	32.9	32.9	92.3	0.0	0.199	0.723	0.547	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
362	362$_{de}$	0.5	0.5	0.25	0.5	0.25	0.375	90	0.5	0.46	0.249	53.4	−0.8	21.9	21.9	92.3	0.0	0.166	0.532	0.548	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
363	363$_{de}$	0.5	0.5	0.375	0.5	0.125	0.437	90	0.5	0.48	0.375	55.0	−0.4	10.9	10.9	92.3	0.0	0.104	0.307	0.563	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
364	364$_{de}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.5	0.0	0.0	0.0	0.0	0.026	0.01	0.0	0.581	360	1.0	1.0	1.0	95.4	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	0.546	0.625	59.1	0.1	−5.6	5.6	271.7	0.209	0.115	0.0	0.472	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
366	366$_{de}$	0.5	0.5	0.75	0.75	0.25	0.625	270	0.5	0.593	0.75	61.6	0.3	−11.3	11.3	271.7	0.37	0.203	0.0	0.339	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
367	367$_{de}$	0.5	0.5	0.875	0.875	0.375	0.687	270	0.5	0.64	0.875	64.1	0.5	−17.0	17.0	271.7	0.488	0.261	0.0	0.193	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
368	368$_{de}$	0.5	0.5	1.0	1.0	0.5	0.75	270	0.5	0.687	1.0	66.7	0.6	−22.7	22.7	271.7	0.564	0.293	0.0	0.021	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
369	369$_{de}$	0.5	0.625	0.0	0.625	0.625	0.312	101	0.44	0.625	0.0	57.1	−13.6	50.4	52.2	105.1	0.209	0.0	0.875	0.481	106	0.705	1.0	0.0	80.8	−21.8	80.6	83.5	105.1
370	370$_{de}$	0.5	0.625	0.125	0.625	0.5	0.375	104	0.434	0.625	0.125	57.0	−12.7	37.9	40.0	108.6	0.231	0.0	0.76	0.486	112	0.619	1.0	0.0	76.9	−25.5	75.9	80.1	108.6
371	371$_{de}$	0.5	0.625	0.25	0.625	0.375	0.437	109	0.443	0.625	0.25	58.0	−11.5	25.2	27.7	114.4	0.241	0.0	0.585	0.476	118	0.516	1.0	0.0	73.3	−30.6	67.4	74.1	114.4
372	372$_{de}$	0.5	0.625	0.375	0.625	0.25	0.5	120	0.456	0.625	0.375	58.8	−10.3	13.6	17.0	127.2	0.282	0.0	0.417	0.464	131	0.326	1.0	0.0	65.8	−41.4	54.4	68.3	127.2
373	373$_{de}$	0.5	0.625	0.5	0.625	0.125	0.562	150	0.5	0.625	0.511	60.9	−8.3	2.6	8.8	162.2	0.312	0.0	0.218	0.441	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
374	374$_{de}$	0.5	0.625	0.625	0.625	0.125	0.562	210	0.5	0.625	0.591	61.4	−4.9	−3.7	6.2	216.9	0.259	0.0	0.049	0.46	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
375	375$_{de}$	0.5	0.625	0.75	0.75	0.25	0.625	240	0.5	0.696	0.75	65.3	−5.2	−11.0	12.2	244.3	0.395	0.068	0.0	0.329	221	0.0	0.784	1.0	52.7	−21.1	−44.1	48.9	244.3
376	376$_{de}$	0.5	0.625	0.875	0.875	0.375	0.687	251	0.5	0.725	0.875	67.5	−4.6	−16.7	17.3	254.3	0.501	0.155	0.0	0.188	233	0.0	0.601	1.0	46.8	−12.4	−44.6	46.3	254.3
377	377$_{de}$	0.5	0.625	1.0	1.0	0.5	0.75	256	0.5	0.771	1.0	69.9	−4.3	−22.4	22.9	258.9	0.575	0.205	0.0	0.016	237	0.0	0.543	1.0	44.5	−8.7	−44.9	45.8	258.9
378	378$_{de}$	0.5	0.75	0.0	0.75	0.75	0.375	109	0.387	0.75	0.0	59.4	−23.0	50.5	55.5	114.4	0.448	0.0	0.928	0.334	118	0.516	1.0	0.0	73.3	−30.6	67.4	74.1	114.4
379	379$_{de}$	0.5	0.75	0.125	0.75	0.625	0.437	113	0.396	0.75	0.125	60.5	−21.5	38.6	44.2	119.1	0.439	0.0	0.794	0.328	124	0.433	1.0	0.0	70.7	−34.4	61.9	70.8	119.1
380	380$_{de}$	0.5	0.75	0.25	0.75	0.5	0.5	120	0.413	0.75	0.25	61.2	−20.7	27.2	34.1	127.2	0.457	0.0	0.658	0.317	131	0.326	1.0	0.0	65.8	−41.4	54.4	68.3	127.2
381	381$_{de}$	0.5	0.75	0.375	0.75	0.375	0.562	131	0.444	0.75	0.375	62.3	−19.4	16.2	25.3	140.0	0.483	0.0	0.516	0.3	140	0.184	1.0	0.0	59.0	−51.7	43.3	67.4	140.0
382	382$_{de}$	0.5	0.75	0.5	0.75	0.25	0.625	150	0.5	0.75	0.523	65.2	−16.7	5.3	17.6	162.2	0.486	0.0	0.349	0.268	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
383	383$_{de}$	0.5	0.75	0.625	0.75	0.25	0.625	180	0.5	0.75	0.615	65.8	−13.3	−2.2	13.4	189.6	0.464	0.0	0.212	0.288	177	0.0	1.0	0.46	54.6	−53.2	−9.0	53.9	189.6
384	384$_{de}$	0.5	0.75	0.75	0.75	0.25	0.625	210	0.5	0.75	0.683	66.3	−9.9	−7.4	12.4	216.9	0.431	0.0	0.097	0.31	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
385	385$_{de}$	0.5	0.75	0.875	0.875	0.375	0.687	229	0.5	0.875	0.865	71.7	−11.4	−15.9	19.5	234.3	0.521	0.0	0.001	0.177	208	0.0	1.0	0.973	58.1	−30.4	−42.4	52.2	234.3
386	386$_{de}$	0.5	0.75	1.0	1.0	0.5	0.75	240	0.5	0.892	1.0	74.1	−10.5	−22.0	24.4	244.3	0.586	0.087	0.0	0.012	221	0.0	0.784	1.0	52.7	−21.1	−44.1	48.9	244.3
387	387$_{de}$	0.5	0.875	0.0	0.875	0.875	0.437	115	0.343	0.875	0.0	62.9	−31.6	51.8	60.7	121.4	0.566	0.0	0.964	0.177	127	0.392	1.0	0.0	69.4	−36.2	59.2	69.4	121.4
388	388$_{de}$	0.5	0.875	0.125	0.875	0.75	0.5	120	0.37	0.875	0.125	63.5	−31.0	40.8	51.2	127.2	0.576	0.0	0.843	0.17	131	0.326	1.0	0.0	65.8	−41.4	54.4	68.3	127.2
389	389$_{de}$	0.5	0.875	0.25	0.875	0.625	0.562	127	0.402	0.875	0.25	64.0	−30.1	29.6	42.2	135.4	0.596	0.0	0.714	0.163	136	0.243	1.0	0.0	60.7	−48.1	47.4	67.6	135.4
390	390$_{de}$	0.5	0.875	0.375	0.875	0.5	0.625	136	0.431	0.875	0.375	66.4	−28.1	19.0	34.0	145.9	0.604	0.0	0.582	0.135	144	0.113	1.0	0.0	56.9	−56.3	38.1	68.0	145.9
391	391$_{de}$	0.5	0.875	0.5	0.875	0.375	0.687	150	0.5	0.875	0.534	69.6	−25.1	8.0	26.4	162.2	0.599	0.0	0.438	0.094	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
392	392$_{de}$	0.5	0.875	0.625	0.875	0.375	0.687	169	0.5	0.875	0.633	70.1	−21.6	0.1	21.6	179.5	0.587	0.0	0.331	0.113	170	0.0	1.0	0.356	53.9	−57.8	0.4	57.8	179.5
393	393$_{de}$	0.5	0.875	0.75	0.875	0.375	0.687	191	0.5	0.875	0.71	70.7	−18.1	−6.4	19.2	199.6	0.571	0.0	0.223	0.135	184	0.0	1.0	0.561	55.3	−48.4	−17.2	51.3	199.6
394	394$_{de}$	0.5	0.875	0.875	0.875	0.375	0.687	210	0.5	0.875	0.775	71.2	−14.9	−11.2	18.6	216.9	0.549	0.0	0.126	0.155	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
395	395$_{de}$	0.5	0.875	1.0	1.0	0.5	0.75	224	0.5	1.0	0.954	76.6	−16.5	−19.5	25.6	229.7	0.607	0.0	0.05	0.0	205	0.0	1.0	0.909	57.7	−33.0	−39.1	51.2	229.7
396	396$_{de}$	0.5	1.0	0.0	1.0	1.0	0.5	120	0.326	1.0	0.0	65.8	−41.4	54.4	68.3	127.2	0.672	0.0	1.0	0.0	131	0.326	1.0	0.0	65.8	−41.4	54.4	68.3	127.2
397	397$_{de}$	0.5	1.0	0.125	1.0	0.875	0.562	125	0.36	1.0	0.125	66.2	−40.5	43.3	59.3	133.0	0.676	0.0	0.882	0.0	134	0.268	1.0	0.0	62.0	−46.3	49.5	67.8	133.0
398	398$_{de}$	0.5	1.0	0.25	1.0	0.75	0.625	131	0.388	1.0	0.25	68.1	−38.8	32.4	50.6	140.0	0.666	0.0	0.749	0.0	140	0.184	1.0	0.0	59.0	−51.7	43.3	67.4	140.0
399	399$_{de}$	0.5	1.0	0.375	1.0	0.625	0.687	139	0.424	1.0	0.375	70.4	−37.5	22.2	43.6	149.4	0.663	0.0	0.623	0.0	145	0.079	1.0	0.0	55.4	−60.1	35.5	69.8	149.4
400	400$_{de}$	0.5	1.0	0.5	1.0	0.5	0.75	150	0.5	1.0	0.546	73.9	−33.5	10.7	35.2	162.2	0.634	0.0	0.498	0.0	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
401	401$_{de}$	0.5	1.0	0.625	1.0	0.5	0.75	164	0.5	1.0	0.649	74.5	−30.1	2.6	30.2	175.0	0.63	0.0	0.376	0.0	166	0.0	1.0	0.299	53.6	−60.2	5.2	60.4	175.0
402	402$_{de}$	0.5	1.0	0.75	1.0	0.5	0.75	180	0.5	1.0	0.73	75.0	−26.6	−4.5	26.9	189.6	0.623	0.0	0.276	0.0	177	0.0	1.0	0.46	54.6	−53.2	−9.0	53.9	189.6
403	403$_{de}$	0.5	1.0	0.875	1.0	0.5	0.75	196	0.5	1.0	0.803	75.5	−23.0	−10.3	25.2	204.2	0.627	0.0	0.25	0.0	187	0.0	1.0	0.607	55.6	−46.0	−20.7	50.5	204.2
404	404$_{de}$	0.5	1.0	1.0	1.0	0.5	0.75	210	0.5	1.0	0.867	76.0	−19.8	−14.9	24.9	216.9	0.618	0.0	0.13	0.0	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9

delta

Grafico TUB-PI45; grafico per il test colori e la differenza, ΔE'*, 3D=1, de=1, *cmyk**

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

4−1131230−F0

n	HIC*$_{Fde}$	*rgb*$_{Fde}$			*ict*$_{Fde}$			h_{si_Fde}	*rgb**$_{Fde}$			*LabCh**$_{Fde}$				
405	405$_{de}$	0.625	0.0	0.0	0.625	0.625	0.312	390	0.625	0.0	0.13	36.4	40.5	19.3	44.9	25.4
406	406$_{de}$	0.625	0.0	0.125	0.625	0.625	0.312	379	0.625	0.0	0.294	36.4	42.1	9.9	43.2	13.2
407	407$_{de}$	0.625	0.0	0.25	0.625	0.625	0.312	367	0.625	0.0	0.478	36.7	44.1	−0.1	44.1	359.8
408	408$_{de}$	0.625	0.0	0.375	0.625	0.625	0.312	353	0.55	0.0	0.625	35.4	43.5	−7.3	44.1	350.4
409	409$_{de}$	0.625	0.0	0.5	0.625	0.625	0.312	341	0.382	0.0	0.625	32.0	36.4	−13.9	39.0	339.0
410	410$_{de}$	0.625	0.0	0.625	0.625	0.625	0.312	330	0.254	0.0	0.625	28.4	30.8	−18.7	36.0	328.6
411	411$_{de}$	0.625	0.0	0.75	0.75	0.75	0.375	321	0.236	0.0	0.75	28.9	31.7	−26.6	41.4	320.0
412	412$_{de}$	0.625	0.0	0.875	0.875	0.875	0.437	314	0.224	0.0	0.875	29.9	32.2	−34.0	46.8	313.4
413	413$_{de}$	0.625	0.0	1.0	1.0	1.0	0.5	308	0.146	0.0	1.0	29.7	32.5	−42.0	53.2	307.7
414	414$_{de}$	0.625	0.125	0.0	0.625	0.625	0.312	41	0.625	0.05	0.0	37.7	36.3	28.1	45.9	37.7
415	415$_{de}$	0.625	0.125	0.125	0.625	0.5	0.375	390	0.625	0.125	0.229	42.3	32.4	15.4	35.9	25.4
416	416$_{de}$	0.625	0.125	0.25	0.625	0.5	0.375	376	0.625	0.125	0.394	42.4	34.0	5.9	34.6	9.8
417	417$_{de}$	0.625	0.125	0.375	0.625	0.5	0.375	360	0.599	0.125	0.625	42.2	35.7	−4.9	36.0	352.0
418	418$_{de}$	0.625	0.125	0.5	0.625	0.5	0.375	344	0.455	0.125	0.625	39.3	30.5	−9.9	32.1	341.8
419	419$_{de}$	0.625	0.125	0.625	0.625	0.5	0.375	330	0.328	0.125	0.625	36.0	24.6	−15.0	28.8	328.6
420	420$_{de}$	0.625	0.125	0.75	0.75	0.625	0.437	319	0.311	0.125	0.75	36.6	25.5	−22.8	34.2	318.1
421	421$_{de}$	0.625	0.125	0.875	0.875	0.75	0.5	311	0.278	0.125	0.875	37.2	26.0	−30.3	39.9	310.5
422	422$_{de}$	0.625	0.125	1.0	1.0	0.875	0.562	305	0.214	0.125	1.0	36.9	26.5	−38.1	46.4	304.9
423	423$_{de}$	0.625	0.25	0.0	0.625	0.625	0.312	53	0.625	0.163	0.0	41.9	27.1	33.6	43.2	51.0
424	424$_{de}$	0.625	0.25	0.125	0.625	0.5	0.375	44	0.625	0.191	0.125	44.3	27.1	23.6	35.9	41.0
425	425$_{de}$	0.625	0.25	0.25	0.625	0.375	0.437	390	0.625	0.25	0.328	48.3	24.3	11.6	26.9	25.4
426	426$_{de}$	0.625	0.25	0.375	0.625	0.375	0.437	371	0.625	0.25	0.497	48.5	26.0	1.9	26.1	4.3
427	427$_{de}$	0.625	0.25	0.5	0.625	0.375	0.437	349	0.527	0.25	0.625	46.6	24.5	−5.8	25.2	346.6
428	428$_{de}$	0.625	0.25	0.625	0.625	0.375	0.437	330	0.402	0.25	0.625	43.5	18.4	−11.2	21.6	328.6
429	429$_{de}$	0.625	0.25	0.75	0.75	0.5	0.5	316	0.386	0.25	0.75	44.2	19.2	−19.0	27.0	315.3
430	430$_{de}$	0.625	0.25	0.875	0.875	0.625	0.562	307	0.328	0.25	0.875	44.4	19.9	−26.6	33.2	306.8
431	431$_{de}$	0.625	0.25	1.0	1.0	0.75	0.625	300	0.284	0.25	1.0	43.9	19.9	−34.3	39.7	300.1
432	432$_{de}$	0.625	0.375	0.0	0.625	0.625	0.312	67	0.625	0.276	0.0	46.9	17.3	40.2	43.8	66.6
433	433$_{de}$	0.625	0.375	0.125	0.625	0.5	0.375	60	0.625	0.299	0.125	48.7	17.8	29.5	34.4	58.8
434	434$_{de}$	0.625	0.375	0.25	0.625	0.375	0.437	49	0.625	0.327	0.25	50.8	18.0	19.1	26.3	46.6
435	435$_{de}$	0.625	0.375	0.375	0.625	0.25	0.5	390	0.625	0.375	0.427	54.3	16.2	7.7	17.9	25.4
436	436$_{de}$	0.625	0.375	0.5	0.625	0.25	0.5	360	0.612	0.375	0.625	54.2	17.8	−2.4	18.0	352.0
437	437$_{de}$	0.625	0.375	0.625	0.625	0.25	0.5	330	0.476	0.375	0.625	51.1	12.3	−7.5	14.4	328.6
438	438$_{de}$	0.625	0.375	0.75	0.75	0.375	0.562	311	0.451	0.375	0.75	51.7	13.0	−15.1	19.9	310.5
439	439$_{de}$	0.625	0.375	0.875	0.875	0.5	0.625	300	0.397	0.375	0.875	51.4	13.3	−22.9	26.4	300.1
440	440$_{de}$	0.625	0.375	1.0	1.0	0.625	0.687	293	0.375	0.412	1.0	52.6	12.8	−29.5	32.2	293.5
441	441$_{de}$	0.625	0.5	0.0	0.625	0.625	0.312	79	0.625	0.377	0.0	52.0	8.2	46.8	47.5	80.0
442	442$_{de}$	0.625	0.5	0.125	0.625	0.5	0.375	76	0.625	0.406	0.125	53.8	8.5	36.1	37.0	76.7
443	443$_{de}$	0.625	0.5	0.25	0.625	0.375	0.437	71	0.625	0.435	0.25	55.6	8.6	25.2	26.7	71.1
444	444$_{de}$	0.625	0.5	0.375	0.625	0.25	0.5	60	0.625	0.462	0.375	57.5	8.9	14.7	17.2	58.8
445	445$_{de}$	0.625	0.5	0.5	0.625	0.125	0.562	390	0.625	0.5	0.526	60.3	8.1	3.8	8.9	25.4
446	446$_{de}$	0.625	0.5	0.625	0.625	0.125	0.562	330	0.55	0.5	0.625	58.7	6.1	−3.7	7.2	328.6
447	447$_{de}$	0.625	0.5	0.75	0.75	0.25	0.625	300	0.511	0.5	0.75	58.8	6.6	−11.4	13.2	300.1
448	448$_{de}$	0.625	0.5	0.875	0.875	0.375	0.687	289	0.5	0.55	0.875	60.8	6.3	−17.6	18.7	289.7
449	449$_{de}$	0.625	0.5	1.0	1.0	0.5	0.75	284	0.5	0.6	1.0	63.4	6.2	−23.2	24.1	285.0
450	450$_{de}$	0.625	0.625	0.0	0.625	0.625	0.312	90	0.625	0.526	0.0	58.4	−2.2	54.8	54.9	92.3
451	451$_{de}$	0.625	0.625	0.125	0.625	0.5	0.375	90	0.625	0.545	0.125	60.0	−1.7	43.9	43.9	92.3
452	452$_{de}$	0.625	0.625	0.25	0.625	0.375	0.437	90	0.625	0.565	0.25	61.6	−1.3	32.9	32.9	92.3
453	453$_{de}$	0.625	0.625	0.375	0.625	0.25	0.5	90	0.625	0.585	0.375	63.1	−0.8	21.9	21.9	92.3
454	454$_{de}$	0.625	0.625	0.5	0.625	0.125	0.562	90	0.625	0.605	0.5	64.7	−0.4	10.9	10.9	92.3
455	455$_{de}$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.3	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	0.671	0.75	68.8	0.1	−5.6	5.6	271.7
457	457$_{de}$	0.625	0.625	0.875	0.875	0.25	0.75	270	0.625	0.718	0.875	71.3	0.3	−11.3	11.3	271.7
458	458$_{de}$	0.625	0.625	1.0	1.0	0.375	0.812	270	0.625	0.765	1.0	73.8	0.5	−17.0	17.0	271.7
459	459$_{de}$	0.625	0.75	0.0	0.75	0.75	0.375	99	0.58	0.75	0.0	67.0	−14.3	63.0	64.6	102.7
460	460$_{de}$	0.625	0.75	0.125	0.75	0.625	0.437	101	0.565	0.75	0.125	66.9	−13.6	50.4	52.2	105.1
461	461$_{de}$	0.625	0.75	0.25	0.75	0.5	0.5	104	0.559	0.75	0.25	66.7	−12.7	37.9	40.0	108.6
462	462$_{de}$	0.625	0.75	0.375	0.75	0.375	0.562	109	0.568	0.75	0.375	67.7	−11.5	25.2	27.7	114.4
463	463$_{de}$	0.625	0.75	0.5	0.75	0.25	0.625	120	0.581	0.75	0.5	68.6	−10.3	13.6	17.0	127.2
464	464$_{de}$	0.625	0.75	0.625	0.75	0.125	0.687	150	0.625	0.75	0.636	70.6	−8.3	2.6	8.8	162.2
465	465$_{de}$	0.625	0.75	0.75	0.75	0.125	0.687	210	0.625	0.75	0.716	71.1	−4.9	−3.7	6.2	216.9
466	466$_{de}$	0.625	0.75	0.875	0.875	0.25	0.75	240	0.625	0.821	0.875	75.0	−5.2	−11.0	12.2	244.3
467	467$_{de}$	0.625	0.75	1.0	1.0	0.375	0.812	251	0.625	0.85	1.0	77.2	−4.6	−16.7	17.3	254.3
468	468$_{de}$	0.625	0.875	0.0	0.875	0.875	0.437	106	0.506	0.875	0.0	68.2	−24.3	63.5	68.0	110.9
469	469$_{de}$	0.625	0.875	0.125	0.875	0.75	0.5	109	0.512	0.875	0.125	69.1	−23.0	50.5	55.5	114.4
470	470$_{de}$	0.625	0.875	0.25	0.875	0.625	0.562	113	0.521	0.875	0.25	70.2	−21.5	38.6	44.2	119.1
471	471$_{de}$	0.625	0.875	0.375	0.875	0.5	0.625	120	0.538	0.875	0.375	70.9	−20.7	27.2	34.1	127.2
472	472$_{de}$	0.625	0.875	0.5	0.875	0.375	0.687	131	0.569	0.875	0.5	72.0	−19.4	16.2	25.3	140.0
473	473$_{de}$	0.625	0.875	0.625	0.875	0.25	0.75	150	0.625	0.875	0.648	74.9	−16.7	5.3	17.6	162.2
474	474$_{de}$	0.625	0.875	0.75	0.875	0.25	0.75	180	0.625	0.875	0.74	75.5	−13.3	−2.2	13.4	189.6
475	475$_{de}$	0.625	0.875	0.875	0.875	0.25	0.75	210	0.625	0.875	0.808	76.0	−9.9	−7.4	12.4	216.9
476	476$_{de}$	0.625	0.875	1.0	1.0	0.375	0.812	229	0.625	1.0	0.99	81.4	−11.4	−15.9	19.5	234.3
477	477$_{de}$	0.625	1.0	0.0	1.0	1.0	0.5	112	0.454	1.0	0.0	71.3	−33.5	63.2	71.5	117.9
478	478$_{de}$	0.625	1.0	0.125	1.0	0.875	0.562	115	0.468	1.0	0.125	72.7	−31.6	51.8	60.7	121.4
479	479$_{de}$	0.625	1.0	0.25	1.0	0.75	0.625	120	0.495	1.0	0.25	73.2	−31.0	40.8	51.2	127.2
480	480$_{de}$	0.625	1.0	0.375	1.0	0.625	0.687	127	0.527	1.0	0.375	73.7	−30.1	29.6	42.2	135.4
481	481$_{de}$	0.625	1.0	0.5	1.0	0.5	0.75	136	0.556	1.0	0.5	76.1	−28.1	19.0	34.0	145.9
482	482$_{de}$	0.625	1.0	0.625	1.0	0.375	0.812	150	0.625	1.0	0.659	79.3	−25.1	8.0	26.4	162.2
483	483$_{de}$	0.625	1.0	0.75	1.0	0.375	0.812	169	0.625	1.0	0.758	79.9	−21.6	0.1	21.6	179.5
484	484$_{de}$	0.625	1.0	0.875	1.0	0.375	0.812	191	0.625	1.0	0.835	80.4	−18.1	−6.4	19.2	199.6
485	485$_{de}$	0.625	1.0	1.0	1.0	0.375	0.812	210	0.625	1.0	0.9	80.9	−14.9	−11.2	18.6	216.9

*cmyn**$_{sep,Fde}$				$h_{siM,de}$	*rgb**$_{Mde}$			*LabCh**$_{Mde}$				
0.0	0.9	0.704	0.419	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
0.0	0.898	0.502	0.425	361	1.0	0.0	0.47	47.7	67.4	15.8	69.2	13.2
0.0	0.894	0.265	0.429	342	1.0	0.0	0.765	48.1	70.6	−0.1	70.6	359.8
0.0	0.876	0.023	0.479	323	0.881	0.0	1.0	46.0	69.6	−11.7	70.6	350.4
0.319	0.879	0.0	0.457	307	0.611	0.0	1.0	40.6	58.3	−22.3	62.4	339.0
0.454	0.876	0.0	0.479	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
0.628	0.926	0.0	0.341	287	0.315	0.0	1.0	32.7	42.3	−35.4	55.2	320.0
0.741	0.959	0.0	0.188	284	0.256	0.0	1.0	31.6	36.8	−38.9	53.5	313.4
0.853	1.0	0.0	0.0	277	0.146	0.0	1.0	29.7	32.5	−42.0	53.2	307.7
0.0	0.853	0.89	0.42	34	1.0	0.08	0.0	49.8	58.1	44.9	73.5	37.7
0.0	0.76	0.546	0.403	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
0.0	0.763	0.362	0.412	357	1.0	0.0	0.538	47.8	68.1	11.8	69.2	9.8
0.0	0.756	0.085	0.438	327	0.948	0.0	1.0	47.3	71.5	−9.9	72.1	352.0
0.172	0.735	0.0	0.465	310	0.661	0.0	1.0	41.6	61.0	−19.9	64.2	341.8
0.389	0.745	0.0	0.458	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
0.55	0.793	0.0	0.311	286	0.298	0.0	1.0	32.4	40.8	−36.5	54.7	318.1
0.661	0.818	0.0	0.166	281	0.205	0.0	1.0	30.7	34.6	−40.4	53.3	310.5
0.746	0.848	0.0	0.0	275	0.102	0.0	1.0	28.6	30.3	−43.5	53.1	304.9
0.0	0.712	0.898	0.424	44	1.0	0.262	0.0	56.5	43.4	53.8	69.1	51.0
0.0	0.699	0.68	0.406	37	1.0	0.133	0.0	51.5	54.2	47.2	71.9	41.0
0.0	0.623	0.418	0.396	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
0.0	0.622	0.22	0.407	349	1.0	0.0	0.66	48.0	69.4	5.2	69.6	4.3
0.0	0.586	0.0	0.483	315	0.739	0.0	1.0	42.9	65.4	−15.5	67.2	346.6
0.3	0.584	0.0	0.463	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
0.487	0.643	0.0	0.312	285	0.273	0.0	1.0	31.9	38.4	−38.0	54.0	315.3
0.615	0.68	0.0	0.164	276	0.126	0.0	1.0	29.3	31.8	−42.5	53.1	306.8
0.707	0.7	0.0	0.0	272	0.045	0.0	1.0	26.7	26.6	−45.8	52.9	300.1
0.0	0.571	0.898	0.424	56	1.0	0.441	0.0	64.5	27.7	64.4	70.1	66.6
0.0	0.556	0.72	0.407	50	1.0	0.349	0.0	60.3	35.6	59.0	68.9	58.8
0.0	0.543	0.535	0.395	41	1.0	0.205	0.0	54.3	48.2	51.0	70.2	46.6
0.0	0.47	0.289	0.399	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
0.0	0.456	0.057	0.426	327	0.948	0.0	1.0	47.3	71.5	−9.9	72.1	352.0
0.176	0.415	0.0	0.471	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
0.416	0.491	0.0	0.32	281	0.205	0.0	1.0	30.7	34.6	−40.4	53.3	310.5
0.57	0.541	0.0	0.173	272	0.045	0.0	1.0	26.7	26.6	−45.8	52.9	300.1
0.66	0.536	0.0	0.002	266	0.0	0.059	1.0	26.8	20.5	−47.2	51.5	293.5
0.0	0.426	0.899	0.423	66	1.0	0.604	0.0	72.5	13.1	74.9	76.0	80.0
0.0	0.402	0.754	0.41	64	1.0	0.563	0.0	70.4	17.0	72.2	74.1	76.7
0.0	0.376	0.578	0.407	59	1.0	0.495	0.0	67.0	23.0	67.3	71.2	71.1
0.0	0.354	0.39	0.406	50	1.0	0.349	0.0	60.3	35.6	59.0	68.9	58.8
0.0	0.279	0.161	0.419	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
0.061	0.223	0.0	0.469	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
0.332	0.331	0.0	0.33	272	0.045	0.0	1.0	26.7	26.6	−45.8	52.9	300.1
0.474	0.372	0.0	0.187	262	0.0	0.133	1.0	28.9	16.8	−46.9	49.8	289.7
0.553	0.383	0.0	0.011	259	0.0	0.201	1.0	31.5	12.4	−46.5	48.2	285.0
0.0	0.22	0.9	0.418	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
0.0	0.198	0.782	0.411	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
0.0	0.175	0.622	0.408	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
0.0	0.143	0.453	0.413	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
0.0	0.088	0.254	0.428	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
0.02	0.01	0.0	0.443	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
0.178	0.102	0.0	0.332	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
0.322	0.171	0.0	0.19	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
0.419	0.213	0.0	0.024	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
0.157	0.0	0.931	0.323	102	0.773	1.0	0.0	83.5	−19.1	84.0	86.2	102.7
0.169	0.0	0.811	0.332	106	0.705	1.0	0.0	80.8	−21.8	80.6	83.5	105.1
0.189	0.0	0.674	0.34	112	0.619	1.0	0.0	76.9	−25.5	75.9	80.1	108.6
0.205	0.0	0.515	0.333	118	0.516	1.0	0.0	73.3	−30.6	67.4	74.1	114.4
0.245	0.0	0.359	0.319	131	0.326	1.0	0.0	65.8	−41.4	54.4	68.3	127.2
0.274	0.0	0.188	0.292	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
0.232	0.0	0.039	0.312	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
0.346	0.057	0.0	0.179	221	0.0	0.784	1.0	52.7	−21.1	−44.1	48.9	244.3
0.433	0.127	0.0	0.023	233	0.0	0.601	1.0	46.8	−12.4	−44.6	46.3	254.3
0.414	0.0	0.965	0.188	114	0.578	1.0	0.0	75.4	−27.7	72.5	77.7	110.9
0.403	0.0	0.849	0.184	118	0.516	1.0	0.0	73.3	−30.6	67.4	74.1	114.4
0.391	0.0	0.71	0.178	124	0.433	1.0	0.0	70.7	−34.4	61.9	70.8	119.1
0.417	0.0	0.589	0.168	131	0.326	1.0	0.0	65.8	−41.4	54.4	68.3	127.2
0.442	0.0	0.464	0.151	140	0.184	1.0	0.0	59.0	−51.7	43.3	67.4	140.0
0.435	0.0	0.312	0.12	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
0.414	0.0	0.191	0.141	177	0.0	1.0	0.46	54.6	−53.2	−9.0	53.9	189.6
0.381	0.0	0.083	0.165	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
0.458	0.0	0.012	0.0	208	0.0	1.0	0.973	58.1	−30.4	−42.4	52.2	234.3
0.544	0.0	1.0	0.0	122	0.454	1.0	0.0	71.3	−33.5	63.2	71.5	117.9
0.513	0.0	0.869	0.0	127	0.392	1.0	0.0	69.4	−36.2	59.2	69.4	121.4
0.519	0.0	0.758	0.0	131	0.326	1.0	0.0	65.8	−41.4	54.4	68.3	127.2
0.541	0.0	0.639	0.0	136	0.243	1.0	0.0	60.7	−48.1	47.4	67.6	135.4
0.524	0.0	0.498	0.0	144	0.113	1.0	0.0	56.9	−56.3	38.1	68.0	145.9
0.5	0.0	0.375	0.0	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
0.483	0.0	0.25	0.0	170	0.0	1.0	0.356	53.9	−57.8	0.4	57.8	179.5
0.484	0.0	0.152	0.0	184	0.0	1.0	0.561	55.3	−48.4	−17.2	51.3	199.6
0.475	0.0	0.089	0.0	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9

delta

Grafico TUB-PI45; grafico per il test colori e la differenza, ΔE'*, 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}
486	486$_{de}$	0.75	0.0	0.0	0.75	0.75	0.375	390
487	487$_{de}$	0.75	0.0	0.125	0.75	0.75	0.375	381
488	488$_{de}$	0.75	0.0	0.25	0.75	0.75	0.375	371
489	489$_{de}$	0.75	0.0	0.375	0.75	0.75	0.375	360
490	490$_{de}$	0.75	0.0	0.5	0.75	0.75	0.375	349
491	491$_{de}$	0.75	0.0	0.625	0.75	0.75	0.375	339
492	492$_{de}$	0.75	0.0	0.75	0.75	0.75	0.375	330
493	493$_{de}$	0.75	0.0	0.875	0.875	0.875	0.437	322
494	494$_{de}$	0.75	0.0	1.0	1.0	1.0	0.5	316
495	495$_{de}$	0.75	0.125	0.0	0.75	0.75	0.375	39
496	496$_{de}$	0.75	0.125	0.125	0.75	0.625	0.437	390
497	497$_{de}$	0.75	0.125	0.25	0.75	0.625	0.437	379
498	498$_{de}$	0.75	0.125	0.375	0.75	0.625	0.437	367
499	499$_{de}$	0.75	0.125	0.5	0.75	0.625	0.437	353
500	500$_{de}$	0.75	0.125	0.625	0.75	0.625	0.437	341
501	501$_{de}$	0.75	0.125	0.75	0.75	0.625	0.437	330
502	502$_{de}$	0.75	0.125	0.875	0.875	0.75	0.5	321
503	503$_{de}$	0.75	0.125	1.0	1.0	0.875	0.562	314
504	504$_{de}$	0.75	0.25	0.0	0.75	0.75	0.375	49
505	505$_{de}$	0.75	0.25	0.125	0.75	0.625	0.437	41
506	506$_{de}$	0.75	0.25	0.25	0.75	0.5	0.5	390
507	507$_{de}$	0.75	0.25	0.375	0.75	0.5	0.5	376
508	508$_{de}$	0.75	0.25	0.5	0.75	0.5	0.5	360
509	509$_{de}$	0.75	0.25	0.625	0.75	0.5	0.5	344
510	510$_{de}$	0.75	0.25	0.75	0.75	0.5	0.5	330
511	511$_{de}$	0.75	0.25	0.875	0.875	0.625	0.562	319
512	512$_{de}$	0.75	0.25	1.0	1.0	0.75	0.625	311
513	513$_{de}$	0.75	0.375	0.0	0.75	0.75	0.375	60
514	514$_{de}$	0.75	0.375	0.125	0.75	0.625	0.437	53
515	515$_{de}$	0.75	0.375	0.25	0.75	0.5	0.5	44
516	516$_{de}$	0.75	0.375	0.375	0.75	0.375	0.562	390
517	517$_{de}$	0.75	0.375	0.5	0.75	0.375	0.562	371
518	518$_{de}$	0.75	0.375	0.625	0.75	0.375	0.562	349
519	519$_{de}$	0.75	0.375	0.75	0.75	0.375	0.562	330
520	520$_{de}$	0.75	0.375	0.875	0.875	0.5	0.625	316
521	521$_{de}$	0.75	0.375	1.0	1.0	0.625	0.687	307
522	522$_{de}$	0.75	0.5	0.0	0.75	0.75	0.375	71
523	523$_{de}$	0.75	0.5	0.125	0.75	0.625	0.437	67
524	524$_{de}$	0.75	0.5	0.25	0.75	0.5	0.5	60
525	525$_{de}$	0.75	0.5	0.375	0.75	0.375	0.562	49
526	526$_{de}$	0.75	0.5	0.5	0.75	0.25	0.625	390
527	527$_{de}$	0.75	0.5	0.625	0.75	0.25	0.625	360
528	528$_{de}$	0.75	0.5	0.75	0.75	0.25	0.625	330
529	529$_{de}$	0.75	0.5	0.875	0.875	0.375	0.687	311
530	530$_{de}$	0.75	0.5	1.0	1.0	0.5	0.75	300
531	531$_{de}$	0.75	0.625	0.0	0.75	0.75	0.375	81
532	532$_{de}$	0.75	0.625	0.125	0.75	0.625	0.437	79
533	533$_{de}$	0.75	0.625	0.25	0.75	0.5	0.5	76
534	534$_{de}$	0.75	0.625	0.375	0.75	0.375	0.562	71
535	535$_{de}$	0.75	0.625	0.5	0.75	0.25	0.625	60
536	536$_{de}$	0.75	0.625	0.625	0.75	0.125	0.687	390
537	537$_{de}$	0.75	0.625	0.75	0.75	0.125	0.687	330
538	538$_{de}$	0.75	0.625	0.875	0.875	0.25	0.75	300
539	539$_{de}$	0.75	0.625	1.0	1.0	0.375	0.812	289
540	540$_{de}$	0.75	0.75	0.0	0.75	0.75	0.375	90
541	541$_{de}$	0.75	0.75	0.125	0.75	0.625	0.437	90
542	542$_{de}$	0.75	0.75	0.25	0.75	0.5	0.5	90
543	543$_{de}$	0.75	0.75	0.375	0.75	0.375	0.562	90
544	544$_{de}$	0.75	0.75	0.5	0.75	0.25	0.625	90
545	545$_{de}$	0.75	0.75	0.625	0.75	0.125	0.687	90
546	546$_{de}$	0.75	0.75	0.75	0.75	0.0	0.75	360
547	547$_{de}$	0.75	0.75	0.875	0.875	0.125	0.812	270
548	548$_{de}$	0.75	0.75	1.0	1.0	0.25	0.875	270
549	549$_{de}$	0.75	0.875	0.0	0.875	0.875	0.437	98
550	550$_{de}$	0.75	0.875	0.125	0.875	0.75	0.5	99
551	551$_{de}$	0.75	0.875	0.25	0.875	0.625	0.562	101
552	552$_{de}$	0.75	0.875	0.375	0.875	0.5	0.625	104
553	553$_{de}$	0.75	0.875	0.5	0.875	0.375	0.687	109
554	554$_{de}$	0.75	0.875	0.625	0.875	0.25	0.75	120
555	555$_{de}$	0.75	0.875	0.75	0.875	0.125	0.812	150
556	556$_{de}$	0.75	0.875	0.875	0.875	0.125	0.812	210
557	557$_{de}$	0.75	0.875	1.0	1.0	0.25	0.875	240
558	558$_{de}$	0.75	1.0	0.0	1.0	1.0	0.5	104
559	559$_{de}$	0.75	1.0	0.125	1.0	0.875	0.562	106
560	560$_{de}$	0.75	1.0	0.25	1.0	0.75	0.625	109
561	561$_{de}$	0.75	1.0	0.375	1.0	0.625	0.687	113
562	562$_{de}$	0.75	1.0	0.5	1.0	0.5	0.75	120
563	563$_{de}$	0.75	1.0	0.625	1.0	0.375	0.812	131
564	564$_{de}$	0.75	1.0	0.75	1.0	0.25	0.875	150
565	565$_{de}$	0.75	1.0	0.875	1.0	0.25	0.875	180
566	566$_{de}$	0.75	1.0	1.0	1.0	0.25	0.875	210

rgb$^*_{Fde}$			*LabCh*$^*_{Fde}$				
0.75	0.0	0.157	40.1	48.7	23.2	53.9	25.4
0.75	0.0	0.321	40.2	50.2	13.8	52.0	15.4
0.75	0.0	0.495	40.4	52.0	3.9	52.2	4.3
0.711	0.0	0.75	39.9	53.6	−7.4	54.1	352.0
0.554	0.0	0.75	36.6	49.0	−11.6	50.4	346.6
0.427	0.0	0.75	34.1	42.5	−17.9	46.1	337.1
0.305	0.0	0.75	30.5	36.9	−22.5	43.3	328.6
0.283	0.0	0.875	30.9	37.7	−30.5	48.5	321.0
0.273	0.0	1.0	31.9	38.4	−38.0	54.0	315.3
0.75	0.033	0.0	40.9	45.5	32.5	55.9	35.5
0.75	0.125	0.255	46.1	40.5	19.3	44.9	25.4
0.75	0.125	0.419	46.2	42.1	9.9	43.2	13.2
0.75	0.125	0.603	46.4	44.1	−0.1	44.1	359.8
0.675	0.125	0.75	45.1	43.5	−7.3	44.1	350.4
0.507	0.125	0.75	41.7	36.4	−13.9	39.0	339.0
0.379	0.125	0.75	38.1	30.8	−18.7	36.0	328.6
0.361	0.125	0.875	38.7	31.7	−26.6	41.4	320.0
0.349	0.125	1.0	39.6	32.2	−34.0	46.8	313.4
0.75	0.154	0.0	45.1	36.1	38.2	52.6	46.6
0.75	0.175	0.125	47.5	36.3	28.1	45.9	37.7
0.75	0.25	0.354	52.1	32.4	15.4	35.9	25.4
0.75	0.25	0.519	52.2	34.0	5.9	34.6	9.8
0.724	0.25	0.75	51.9	35.7	−4.9	36.0	352.0
0.58	0.25	0.75	49.1	30.5	−9.9	32.1	341.8
0.453	0.25	0.75	45.7	24.6	−15.0	28.8	328.6
0.436	0.25	0.875	46.3	25.5	−22.8	34.2	318.1
0.403	0.25	1.0	46.9	26.0	−30.3	39.9	310.5
0.75	0.262	0.0	49.6	26.7	44.2	51.7	58.8
0.75	0.288	0.125	51.7	27.1	33.6	43.2	51.0
0.75	0.316	0.25	54.0	27.1	23.6	35.9	41.0
0.75	0.375	0.453	58.0	24.3	11.6	26.9	25.4
0.75	0.375	0.622	58.2	26.0	1.9	26.1	4.3
0.652	0.375	0.75	56.3	24.5	−5.8	25.2	346.6
0.527	0.375	0.75	53.3	18.4	−11.2	21.6	328.6
0.511	0.375	0.875	54.0	19.2	−19.0	27.0	315.3
0.453	0.375	1.0	54.1	19.9	−26.6	33.2	306.8
0.75	0.371	0.0	54.7	17.2	50.5	53.4	71.1
0.75	0.401	0.125	56.6	17.3	40.2	43.8	66.6
0.75	0.424	0.25	58.4	17.8	29.5	34.4	58.8
0.75	0.452	0.375	60.6	18.0	19.1	26.3	46.6
0.75	0.5	0.552	64.0	16.2	7.7	17.9	25.4
0.737	0.5	0.75	63.9	17.8	−2.4	18.0	352.0
0.601	0.5	0.75	60.8	12.3	−7.5	14.4	328.6
0.576	0.5	0.875	61.4	13.0	−15.1	19.9	310.5
0.522	0.5	1.0	61.1	13.3	−22.9	26.4	300.1
0.75	0.476	0.0	59.9	7.7	57.5	58.0	82.2
0.75	0.502	0.125	61.7	8.2	46.8	47.5	80.0
0.75	0.531	0.25	63.5	8.5	36.1	37.0	76.7
0.75	0.56	0.375	65.3	8.6	25.2	26.7	71.1
0.75	0.587	0.5	67.2	8.9	14.7	17.2	58.8
0.75	0.625	0.651	70.0	8.1	3.8	8.9	25.4
0.675	0.625	0.75	68.4	6.1	−3.7	7.2	328.6
0.636	0.625	0.875	68.5	6.6	−11.4	13.2	300.1
0.625	0.675	1.0	70.5	6.3	−17.6	18.7	289.7
0.75	0.631	0.0	66.6	−2.6	65.8	65.9	92.3
0.75	0.651	0.125	68.2	−2.2	54.8	54.9	92.3
0.75	0.67	0.25	69.7	−1.7	43.9	43.9	92.3
0.75	0.69	0.375	71.3	−1.3	32.9	32.9	92.3
0.75	0.71	0.5	72.9	−0.8	21.9	21.9	92.3
0.75	0.73	0.625	74.4	−0.4	10.9	10.9	92.3
0.75	0.75	0.75	76.0	0.0	0.0	0.0	0.0
0.75	0.796	0.875	78.5	0.1	−5.6	5.6	271.7
0.75	0.843	1.0	81.0	0.3	−11.3	11.3	271.7
0.719	0.875	0.0	76.2	−15.5	75.4	77.0	101.6
0.705	0.875	0.125	76.8	−14.3	63.0	64.6	102.7
0.69	0.875	0.25	76.6	−13.6	50.4	52.2	105.1
0.684	0.875	0.375	76.4	−12.7	37.9	40.0	108.6
0.693	0.875	0.5	77.4	−11.5	25.2	27.7	114.4
0.706	0.875	0.625	78.3	−10.3	13.6	17.0	127.2
0.75	0.875	0.761	80.3	−8.3	2.6	8.8	162.2
0.75	0.875	0.841	80.9	−4.9	−3.7	6.2	216.9
0.75	0.946	1.0	84.7	−5.2	−11.0	12.2	244.3
0.619	1.0	0.0	76.9	−25.5	75.9	80.1	108.6
0.631	1.0	0.125	77.9	−24.3	63.5	68.0	110.9
0.637	1.0	0.25	78.8	−23.0	50.5	55.5	114.4
0.646	1.0	0.375	80.0	−21.5	38.6	44.2	119.1
0.663	1.0	0.5	80.6	−20.7	27.2	34.1	127.2
0.694	1.0	0.625	81.8	−19.4	16.2	25.3	140.0
0.75	1.0	0.773	84.7	−16.7	5.3	17.6	162.2
0.75	1.0	0.865	85.2	−13.3	−2.2	13.4	189.6
0.75	1.0	0.933	85.7	−9.9	−7.4	12.4	216.9

cmyn$^*_{sep,Fde}$				$h_{siM,de}$
0.0	0.932	0.724	0.287	378
0.0	0.932	0.543	0.29	364
0.0	0.929	0.347	0.291	349
0.0	0.928	0.039	0.327	327
0.14	0.918	0.0	0.367	315
0.394	0.921	0.0	0.324	304
0.516	0.925	0.0	0.345	293
0.638	0.964	0.0	0.193	288
0.725	1.0	0.0	0.0	285
0.0	0.9	0.924	0.285	32
0.0	0.793	0.585	0.26	378
0.0	0.799	0.423	0.266	361
0.0	0.799	0.224	0.27	342
0.0	0.798	0.019	0.332	323
0.277	0.798	0.0	0.329	307
0.446	0.795	0.0	0.321	293
0.579	0.821	0.0	0.166	287
0.664	0.828	0.0	0.0	284
0.0	0.759	0.94	0.285	41
0.0	0.749	0.727	0.264	34
0.0	0.672	0.475	0.255	378
0.0	0.671	0.311	0.264	357
0.0	0.674	0.062	0.292	327
0.139	0.67	0.0	0.333	310
0.355	0.662	0.0	0.328	293
0.524	0.692	0.0	0.168	286
0.623	0.691	0.0	0.0	281
0.0	0.638	0.94	0.292	50
0.0	0.625	0.767	0.275	44
0.0	0.613	0.594	0.259	37
0.0	0.544	0.369	0.256	378
0.0	0.545	0.193	0.268	349
0.009	0.524	0.0	0.341	315
0.255	0.526	0.0	0.33	293
0.438	0.572	0.0	0.168	285
0.556	0.575	0.0	0.0	276
0.0	0.517	0.94	0.293	59
0.0	0.491	0.8	0.277	56
0.0	0.481	0.636	0.269	50
0.0	0.472	0.481	0.257	41
0.0	0.407	0.259	0.265	378
0.0	0.397	0.05	0.289	327
0.147	0.369	0.0	0.33	293
0.357	0.443	0.0	0.172	281
0.506	0.467	0.0	0.0	272
0.0	0.387	0.94	0.293	68
0.0	0.365	0.821	0.282	66
0.0	0.349	0.673	0.274	64
0.0	0.328	0.519	0.273	59
0.0	0.303	0.352	0.276	50
0.0	0.24	0.145	0.286	378
0.06	0.191	0.0	0.329	293
0.286	0.288	0.0	0.183	272
0.405	0.311	0.0	0.014	262
0.0	0.201	0.941	0.29	81
0.0	0.19	0.838	0.282	81
0.0	0.179	0.702	0.276	81
0.0	0.16	0.562	0.275	81
0.0	0.132	0.409	0.28	81
0.0	0.076	0.223	0.295	81
0.018	0.009	0.0	0.306	360
0.161	0.087	0.0	0.188	248
0.295	0.144	0.0	0.021	248
0.146	0.0	0.968	0.176	99
0.132	0.0	0.853	0.185	102
0.147	0.0	0.724	0.193	106
0.165	0.0	0.594	0.2	112
0.181	0.0	0.451	0.189	118
0.22	0.0	0.311	0.173	131
0.248	0.0	0.162	0.15	154
0.21	0.0	0.035	0.17	195
0.316	0.04	0.0	0.007	221
0.381	0.0	1.0	0.0	112
0.378	0.0	0.872	0.0	114
0.363	0.0	0.744	0.0	118
0.348	0.0	0.623	0.0	124
0.357	0.0	0.499	0.0	131
0.375	0.0	0.375	0.0	140
0.375	0.0	0.25	0.0	154
0.344	0.0	0.125	0.0	177
0.338	0.0	0.059	0.0	195

delta

rgb$^*_{Mde}$			*LabCh*$^*_{Mde}$				
1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
1.0	0.0	0.428	47.7	66.9	18.5	69.4	15.4
1.0	0.0	0.66	48.0	69.4	5.2	69.6	4.3
0.948	0.0	1.0	47.3	71.5	−9.9	72.1	352.0
0.739	0.0	1.0	42.9	65.4	−15.5	67.2	346.6
0.57	0.0	1.0	39.6	56.7	−23.9	61.5	337.1
0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
0.323	0.0	1.0	32.8	43.1	−34.9	55.5	321.0
0.273	0.0	1.0	31.9	38.4	−38.0	54.0	315.3
1.0	0.044	0.0	48.7	60.7	43.3	74.6	35.5
1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
1.0	0.0	0.47	47.7	67.4	15.8	69.2	13.2
1.0	0.0	0.765	48.1	70.6	−0.1	70.6	359.8
0.881	0.0	1.0	46.0	69.6	−11.7	70.6	350.4
0.611	0.0	1.0	40.6	58.3	−22.3	62.4	339.0
0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
0.315	0.0	1.0	32.7	42.3	−35.4	55.2	320.0
0.256	0.0	1.0	31.6	36.8	−38.9	53.5	313.4
1.0	0.205	0.0	54.3	48.2	51.0	70.2	46.6
1.0	0.08	0.0	49.8	58.1	44.9	73.5	37.7
1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
1.0	0.0	0.538	47.8	68.1	11.8	69.2	9.8
0.948	0.0	1.0	47.3	71.5	−9.9	72.1	352.0
0.661	0.0	1.0	41.6	61.0	−19.9	64.2	341.8
0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
0.298	0.0	1.0	32.4	40.8	−36.5	54.7	318.1
0.205	0.0	1.0	30.7	34.6	−40.4	53.3	310.5
1.0	0.349	0.0	60.3	35.6	59.0	68.9	58.8
1.0	0.262	0.0	56.5	43.4	53.8	69.1	51.0
1.0	0.133	0.0	51.5	54.2	47.2	71.9	41.0
1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
1.0	0.0	0.66	48.0	69.4	5.2	69.6	4.3
0.739	0.0	1.0	42.9	65.4	−15.5	67.2	346.6
0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
0.273	0.0	1.0	31.9	38.4	−38.0	54.0	315.3
0.126	0.0	1.0	29.3	31.8	−42.5	53.1	306.8
1.0	0.495	0.0	67.0	23.0	67.3	71.2	71.1
1.0	0.441	0.0	64.5	27.7	64.4	70.1	66.6
1.0	0.349	0.0	60.3	35.6	59.0	68.9	58.8
1.0	0.205	0.0	54.3	48.2	51.0	70.2	46.6
1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
0.948	0.0	1.0	47.3	71.5	−9.9	72.1	352.0
0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
0.205	0.0	1.0	30.7	34.6	−40.4	53.3	310.5
0.045	0.0	1.0	26.7	26.6	−45.8	52.9	300.1
1.0	0.634	0.0	74.0	10.3	76.7	77.4	82.2
1.0	0.604	0.0	72.5	13.1	74.9	76.0	80.0
1.0	0.563	0.0	70.4	17.0	72.2	74.1	76.7
1.0	0.495	0.0	67.0	23.0	67.3	71.2	71.1
1.0	0.349	0.0	60.3	35.6	59.0	68.9	58.8
1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
0.045	0.0	1.0	26.7	26.6	−45.8	52.9	300.1
0.0	0.133	1.0	28.9	16.8	−46.9	49.8	289.7
1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
0.822	1.0	0.0	84.6	−17.7	86.2	88.0	101.6
0.773	1.0	0.0	83.5	−19.1	84.0	86.2	102.7
0.705	1.0	0.0	80.8	−21.8	80.6	83.5	105.1
0.619	1.0	0.0	76.9	−25.5	75.9	80.1	108.6
0.516	1.0	0.0	73.3	−30.6	67.4	74.1	114.4
0.326	1.0	0.0	65.8	−41.4	54.4	68.3	127.2
0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
0.0	0.784	1.0	52.7	−21.1	−44.1	48.9	244.3
0.619	1.0	0.0	76.9	−25.5	75.9	80.1	108.6
0.578	1.0	0.0	75.4	−27.7	72.5	77.7	110.9
0.516	1.0	0.0	73.3	−30.6	67.4	74.1	114.4
0.433	1.0	0.0	70.7	−34.4	61.9	70.8	119.1
0.326	1.0	0.0	65.8	−41.4	54.4	68.3	127.2
0.184	1.0	0.0	59.0	−51.7	43.3	67.4	140.0
0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
0.0	1.0	0.46	54.6	−53.2	−9.0	53.9	189.6
0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9

Grafico TUB-PI45; 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**$_{Fde}$				
567	567$_{de}$	0.875	0.0	0.0	0.875	0.875	0.437	390	0.875	0.0	0.183	43.9	56.8	27.0	62.9	25.4
568	568$_{de}$	0.875	0.0	0.125	0.875	0.875	0.437	382	0.875	0.0	0.356	44.0	58.3	17.3	60.8	16.5
569	569$_{de}$	0.875	0.0	0.25	0.875	0.875	0.437	374	0.875	0.0	0.513	44.1	60.0	8.0	60.6	7.6
570	570$_{de}$	0.875	0.0	0.375	0.875	0.875	0.437	365	0.875	0.0	0.734	44.4	62.4	−2.5	62.4	357.6
571	571$_{de}$	0.875	0.0	0.5	0.875	0.875	0.437	355	0.839	0.0	0.875	43.7	62.7	−8.4	63.3	352.3
572	572$_{de}$	0.875	0.0	0.625	0.875	0.875	0.437	346	0.606	0.0	0.875	39.1	54.9	−15.9	57.2	343.7
573	573$_{de}$	0.875	0.0	0.75	0.875	0.875	0.437	338	0.481	0.0	0.875	36.4	48.8	−21.5	53.4	336.1
574	574$_{de}$	0.875	0.0	0.875	0.875	0.875	0.437	330	0.356	0.0	0.875	32.7	43.1	−26.3	50.5	328.6
575	575$_{de}$	0.875	0.0	1.0	1.0	1.0	0.5	323	0.332	0.0	1.0	33.0	43.9	−34.3	55.7	321.9
576	576$_{de}$	0.875	0.125	0.0	0.875	0.875	0.437	38	0.875	0.022	0.0	44.3	54.3	37.1	65.8	34.3
577	577$_{de}$	0.875	0.125	0.125	0.875	0.75	0.5	390	0.875	0.125	0.282	49.8	48.7	23.2	53.9	25.4
578	578$_{de}$	0.875	0.125	0.25	0.875	0.75	0.5	381	0.875	0.125	0.446	49.9	50.2	13.8	52.0	15.4
579	579$_{de}$	0.875	0.125	0.375	0.875	0.75	0.5	371	0.875	0.125	0.62	50.2	52.0	3.9	52.2	4.3
580	580$_{de}$	0.875	0.125	0.5	0.875	0.75	0.5	360	0.836	0.125	0.875	49.6	53.6	−7.4	54.1	352.0
581	581$_{de}$	0.875	0.125	0.625	0.875	0.75	0.5	349	0.679	0.125	0.875	46.3	49.0	−11.6	50.4	346.6
582	582$_{de}$	0.875	0.125	0.75	0.875	0.75	0.5	339	0.552	0.125	0.875	43.8	42.5	−17.9	46.1	337.1
583	583$_{de}$	0.875	0.125	0.875	0.875	0.75	0.5	330	0.43	0.125	0.875	40.2	36.9	−22.5	43.3	328.6
584	584$_{de}$	0.875	0.125	1.0	1.0	0.875	0.562	322	0.408	0.125	1.0	40.7	37.7	−30.5	48.5	321.0
585	585$_{de}$	0.875	0.25	0.0	0.875	0.875	0.437	46	0.875	0.142	0.0	48.2	45.3	42.7	62.3	43.3
586	586$_{de}$	0.875	0.25	0.125	0.875	0.75	0.5	39	0.875	0.158	0.125	50.6	45.5	32.5	55.9	35.5
587	587$_{de}$	0.875	0.25	0.25	0.875	0.625	0.562	390	0.875	0.25	0.38	55.8	40.5	19.3	44.9	25.4
588	588$_{de}$	0.875	0.25	0.375	0.875	0.625	0.562	379	0.875	0.25	0.544	55.9	42.1	9.9	43.2	13.2
589	589$_{de}$	0.875	0.25	0.5	0.875	0.625	0.562	367	0.875	0.25	0.728	56.1	44.1	−0.1	44.1	359.8
590	590$_{de}$	0.875	0.25	0.625	0.875	0.625	0.562	353	0.8	0.25	0.875	54.8	43.5	−7.3	44.1	350.4
591	591$_{de}$	0.875	0.25	0.75	0.875	0.625	0.562	341	0.632	0.25	0.875	51.5	36.4	−13.9	39.0	339.0
592	592$_{de}$	0.875	0.25	0.875	0.875	0.625	0.562	330	0.504	0.25	0.875	47.8	30.8	−18.7	36.0	328.6
593	593$_{de}$	0.875	0.25	1.0	1.0	0.75	0.625	321	0.486	0.25	1.0	48.4	31.7	−26.6	41.4	320.0
594	594$_{de}$	0.875	0.375	0.0	0.875	0.875	0.437	55	0.875	0.251	0.0	52.6	36.1	48.4	60.4	53.3
595	595$_{de}$	0.875	0.375	0.125	0.875	0.75	0.5	49	0.875	0.279	0.125	54.9	36.1	38.2	52.6	46.6
596	596$_{de}$	0.875	0.375	0.25	0.875	0.625	0.562	41	0.875	0.3	0.25	57.2	36.3	28.1	45.9	37.7
597	597$_{de}$	0.875	0.375	0.375	0.875	0.5	0.625	390	0.875	0.375	0.479	61.8	32.4	15.4	35.9	25.4
598	598$_{de}$	0.875	0.375	0.5	0.875	0.5	0.625	376	0.875	0.375	0.644	61.9	34.0	5.9	34.6	9.8
599	599$_{de}$	0.875	0.375	0.625	0.875	0.5	0.625	360	0.849	0.375	0.875	61.6	35.7	−4.9	36.0	352.0
600	600$_{de}$	0.875	0.375	0.75	0.875	0.5	0.625	344	0.705	0.375	0.875	58.8	30.5	−9.9	32.1	341.8
601	601$_{de}$	0.875	0.375	0.875	0.875	0.5	0.625	330	0.578	0.375	0.875	55.4	24.6	−15.0	28.8	328.6
602	602$_{de}$	0.875	0.375	1.0	1.0	0.625	0.687	319	0.561	0.375	1.0	56.0	25.5	−22.8	34.2	318.1
603	603$_{de}$	0.875	0.5	0.0	0.875	0.875	0.437	65	0.875	0.363	0.0	57.5	26.2	55.0	60.9	64.4
604	604$_{de}$	0.875	0.5	0.125	0.875	0.75	0.5	60	0.875	0.387	0.125	59.4	26.7	44.2	51.7	58.8
605	605$_{de}$	0.875	0.5	0.25	0.875	0.625	0.562	53	0.875	0.413	0.25	61.4	27.1	33.6	43.2	51.0
606	606$_{de}$	0.875	0.5	0.375	0.875	0.5	0.625	44	0.875	0.441	0.375	63.7	27.1	23.6	35.9	41.0
607	607$_{de}$	0.875	0.5	0.5	0.875	0.375	0.687	390	0.875	0.5	0.578	67.8	24.3	11.6	26.9	25.4
608	608$_{de}$	0.875	0.5	0.625	0.875	0.375	0.687	371	0.875	0.5	0.747	67.9	26.0	1.9	26.1	4.3
609	609$_{de}$	0.875	0.5	0.75	0.875	0.375	0.687	349	0.777	0.5	0.875	66.0	24.5	−5.8	25.2	346.6
610	610$_{de}$	0.875	0.5	0.875	0.875	0.375	0.687	330	0.652	0.5	0.875	63.0	18.4	−11.2	21.6	328.6
611	611$_{de}$	0.875	0.5	1.0	1.0	0.5	0.75	316	0.636	0.5	1.0	63.7	19.2	−19.0	27.0	315.3
612	612$_{de}$	0.875	0.625	0.0	0.875	0.875	0.437	74	0.875	0.469	0.0	62.6	17.0	61.5	63.8	74.4
613	613$_{de}$	0.875	0.625	0.125	0.875	0.75	0.5	71	0.875	0.496	0.125	64.4	17.2	50.5	53.4	71.1
614	614$_{de}$	0.875	0.625	0.25	0.875	0.625	0.562	67	0.875	0.526	0.25	66.4	17.3	40.2	43.8	66.6
615	615$_{de}$	0.875	0.625	0.375	0.875	0.5	0.625	60	0.875	0.549	0.375	68.1	17.8	29.5	34.4	58.8
616	616$_{de}$	0.875	0.625	0.5	0.875	0.375	0.687	49	0.875	0.577	0.5	70.3	18.0	19.1	26.3	46.6
617	617$_{de}$	0.875	0.625	0.625	0.875	0.25	0.75	390	0.875	0.625	0.677	73.7	16.2	7.7	17.9	25.4
618	618$_{de}$	0.875	0.625	0.75	0.875	0.25	0.75	360	0.862	0.625	0.875	73.7	17.8	−2.4	18.0	352.0
619	619$_{de}$	0.875	0.625	0.875	0.875	0.25	0.75	330	0.726	0.625	0.875	70.6	12.3	−7.5	14.4	328.6
620	620$_{de}$	0.875	0.625	1.0	1.0	0.375	0.812	311	0.701	0.625	1.0	71.2	13.0	−15.1	19.9	310.5
621	621$_{de}$	0.875	0.75	0.0	0.875	0.875	0.437	82	0.875	0.573	0.0	67.8	7.8	68.1	68.6	83.4
622	622$_{de}$	0.875	0.75	0.125	0.875	0.75	0.5	81	0.875	0.601	0.125	69.7	7.7	57.5	58.0	82.2
623	623$_{de}$	0.875	0.75	0.25	0.875	0.625	0.562	79	0.875	0.627	0.25	71.4	8.2	46.8	47.5	80.0
624	624$_{de}$	0.875	0.75	0.375	0.875	0.5	0.625	76	0.875	0.656	0.375	73.2	8.5	36.1	37.0	76.7
625	625$_{de}$	0.875	0.75	0.5	0.875	0.375	0.687	71	0.875	0.685	0.5	75.0	8.6	25.2	26.7	71.1
626	626$_{de}$	0.875	0.75	0.625	0.875	0.25	0.75	60	0.875	0.712	0.625	76.9	8.9	14.7	17.2	58.8
627	627$_{de}$	0.875	0.75	0.75	0.875	0.125	0.812	390	0.875	0.75	0.776	79.7	8.1	3.8	8.9	25.4
628	628$_{de}$	0.875	0.75	0.875	0.875	0.125	0.812	330	0.8	0.75	0.875	78.1	6.1	−3.7	7.2	328.6
629	629$_{de}$	0.875	0.75	1.0	1.0	0.25	0.875	300	0.761	0.75	1.0	78.3	6.6	−11.4	13.2	300.1
630	630$_{de}$	0.875	0.875	0.0	0.875	0.875	0.437	90	0.875	0.736	0.0	74.8	−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	0.756	0.125	76.3	−2.6	65.8	65.9	92.3
632	632$_{de}$	0.875	0.875	0.25	0.875	0.625	0.562	90	0.875	0.776	0.25	77.9	−2.2	54.8	54.9	92.3
633	633$_{de}$	0.875	0.875	0.375	0.875	0.5	0.625	90	0.875	0.795	0.375	79.4	−1.7	43.9	43.9	92.3
634	634$_{de}$	0.875	0.875	0.5	0.875	0.375	0.687	90	0.875	0.815	0.5	81.0	−1.3	32.9	32.9	92.3
635	635$_{de}$	0.875	0.875	0.625	0.875	0.25	0.75	90	0.875	0.835	0.625	82.6	−0.8	21.9	21.9	92.3
636	636$_{de}$	0.875	0.875	0.75	0.875	0.125	0.812	90	0.875	0.855	0.75	84.1	−0.4	10.9	10.9	92.3
637	637$_{de}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	85.7	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	0.921	1.0	88.2	0.1	−5.6	5.6	271.7
639	639$_{de}$	0.875	1.0	0.0	1.0	1.0	0.5	97	0.871	1.0	0.0	85.7	−16.3	88.4	89.9	100.4
640	640$_{de}$	0.875	1.0	0.125	1.0	0.875	0.562	98	0.844	1.0	0.125	86.0	−15.5	75.4	77.0	101.6
641	641$_{de}$	0.875	1.0	0.25	1.0	0.75	0.625	99	0.83	1.0	0.25	86.5	−14.3	63.0	64.6	102.7
642	642$_{de}$	0.875	1.0	0.375	1.0	0.625	0.687	101	0.815	1.0	0.375	86.3	−13.6	50.4	52.2	105.1
643	643$_{de}$	0.875	1.0	0.5	1.0	0.5	0.75	104	0.809	1.0	0.5	86.1	−12.7	37.9	40.0	108.6
644	644$_{de}$	0.875	1.0	0.625	1.0	0.375	0.812	109	0.818	1.0	0.625	87.1	−11.5	25.2	27.7	114.4
645	645$_{de}$	0.875	1.0	0.75	1.0	0.25	0.875	120	0.831	1.0	0.75	88.0	−10.3	13.6	17.0	127.2
646	646$_{de}$	0.875	1.0	0.875	1.0	0.125	0.937	150	0.875	1.0	0.886	90.0	−8.3	2.6	8.8	162.2
647	647$_{de}$	0.875	1.0	1.0	1.0	0.125	0.937	210	0.875	1.0	0.966	90.6	−4.9	−3.7	6.2	216.9

*cmyn**$_{sep,Fde}$				$h_{siM,de}$	*rgb**$_{Mde}$			*LabCh**$_{Mde}$				
0.0	0.962	0.766	0.162	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
0.0	0.964	0.586	0.164	366	1.0	0.0	0.407	47.7	66.6	19.8	69.5	16.5
0.0	0.961	0.422	0.164	354	1.0	0.0	0.586	47.9	68.6	9.2	69.2	7.6
0.0	0.961	0.187	0.165	338	1.0	0.0	0.838	48.2	71.3	−2.9	71.4	357.6
0.007	0.955	0.0	0.195	327	0.958	0.0	1.0	47.5	71.7	−9.6	72.4	352.3
0.266	0.962	0.0	0.204	312	0.693	0.0	1.0	42.1	62.8	−18.2	65.4	343.7
0.429	0.959	0.0	0.185	303	0.549	0.0	1.0	39.1	55.8	−24.6	61.0	336.1
0.55	0.964	0.0	0.193	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
0.665	1.0	0.0	0.0	289	0.332	0.0	1.0	33.0	43.9	−34.3	55.7	321.9
0.0	0.942	0.971	0.161	31	1.0	0.025	0.0	48.1	62.0	42.4	75.2	34.3
0.0	0.837	0.628	0.138	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
0.0	0.839	0.484	0.141	364	1.0	0.0	0.428	47.7	66.9	18.5	69.4	15.4
0.0	0.841	0.315	0.144	349	1.0	0.0	0.66	48.0	69.4	5.2	69.6	4.3
0.0	0.835	0.033	0.175	327	0.948	0.0	1.0	47.3	71.5	−9.9	72.1	352.0
0.134	0.844	0.0	0.198	315	0.739	0.0	1.0	42.9	65.4	−15.5	67.2	346.6
0.339	0.84	0.0	0.183	304	0.57	0.0	1.0	39.6	56.7	−23.9	61.5	337.1
0.48	0.831	0.0	0.182	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
0.594	0.847	0.0	0.0	288	0.323	0.0	1.0	32.8	43.1	−34.9	55.5	321.0
0.0	0.822	0.971	0.162	38	1.0	0.162	0.0	52.6	51.8	48.8	71.2	43.3
0.0	0.809	0.775	0.135	32	1.0	0.044	0.0	48.7	60.7	43.3	74.6	35.5
0.0	0.728	0.518	0.118	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
0.0	0.73	0.38	0.126	361	1.0	0.0	0.47	47.7	67.4	15.8	69.2	13.2
0.0	0.732	0.204	0.132	342	1.0	0.0	0.765	48.1	70.6	−0.1	70.6	359.8
0.0	0.714	0.009	0.191	323	0.881	0.0	1.0	46.0	69.6	−11.7	70.6	350.4
0.239	0.722	0.0	0.177	307	0.611	0.0	1.0	40.6	58.3	−22.3	62.4	339.0
0.392	0.719	0.0	0.185	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
0.503	0.749	0.0	0.0	287	0.315	0.0	1.0	32.7	42.3	−35.4	55.2	320.0
0.0	0.707	0.971	0.161	46	1.0	0.287	0.0	57.6	41.2	55.4	69.0	53.3
0.0	0.696	0.809	0.139	41	1.0	0.205	0.0	54.3	48.2	51.0	70.2	46.6
0.0	0.691	0.635	0.115	34	1.0	0.08	0.0	49.8	58.1	44.9	73.5	37.7
0.0	0.617	0.42	0.104	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
0.0	0.622	0.284	0.119	357	1.0	0.0	0.538	47.8	68.1	11.8	69.2	9.8
0.0	0.617	0.056	0.147	327	0.948	0.0	1.0	47.3	71.5	−9.9	72.1	352.0
0.129	0.596	0.0	0.181	310	0.661	0.0	1.0	41.6	61.0	−19.9	64.2	341.8
0.304	0.597	0.0	0.181	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
0.423	0.623	0.0	0.0	286	0.298	0.0	1.0	32.4	40.8	−36.5	54.7	318.1
0.0	0.593	0.971	0.161	54	1.0	0.414	0.0	63.2	30.0	62.8	69.6	64.4
0.0	0.583	0.832	0.143	50	1.0	0.349	0.0	60.3	35.6	59.0	68.9	58.8
0.0	0.582	0.671	0.124	44	1.0	0.262	0.0	56.5	43.4	53.8	69.1	51.0
0.0	0.566	0.522	0.104	37	1.0	0.133	0.0	51.5	54.2	47.2	71.9	41.0
0.0	0.504	0.327	0.105	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
0.0	0.507	0.172	0.123	349	1.0	0.0	0.66	48.0	69.4	5.2	69.6	4.3
0.022	0.471	0.0	0.194	315	0.739	0.0	1.0	42.9	65.4	−15.5	67.2	346.6
0.22	0.467	0.0	0.181	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
0.375	0.5	0.0	0.0	285	0.273	0.0	1.0	31.9	38.4	−38.0	54.0	315.3
0.0	0.486	0.971	0.16	62	1.0	0.536	0.0	69.0	19.5	70.2	72.9	74.4
0.0	0.473	0.847	0.146	59	1.0	0.495	0.0	67.0	23.0	67.3	71.2	71.1
0.0	0.458	0.703	0.132	56	1.0	0.441	0.0	64.5	27.7	64.4	70.1	66.6
0.0	0.453	0.566	0.122	50	1.0	0.349	0.0	60.3	35.6	59.0	68.9	58.8
0.0	0.437	0.417	0.11	41	1.0	0.205	0.0	54.3	48.2	51.0	70.2	46.6
0.0	0.375	0.227	0.121	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
0.0	0.363	0.034	0.152	327	0.948	0.0	1.0	47.3	71.5	−9.9	72.1	352.0
0.137	0.325	0.0	0.188	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
0.313	0.377	0.0	0.0	281	0.205	0.0	1.0	30.7	34.6	−40.4	53.3	310.5
0.0	0.374	0.971	0.162	70	1.0	0.655	0.0	75.0	9.0	77.9	78.4	83.4
0.0	0.353	0.866	0.149	68	1.0	0.634	0.0	74.0	10.3	76.7	77.4	82.2
0.0	0.338	0.729	0.138	66	1.0	0.604	0.0	72.5	13.1	74.9	76.0	80.0
0.0	0.323	0.598	0.13	64	1.0	0.563	0.0	70.4	17.0	72.2	74.1	76.7
0.0	0.294	0.458	0.129	59	1.0	0.495	0.0	67.0	23.0	67.3	71.2	71.1
0.0	0.269	0.309	0.132	50	1.0	0.349	0.0	60.3	35.6	59.0	68.9	58.8
0.0	0.212	0.123	0.145	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
0.064	0.167	0.0	0.188	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
0.272	0.24	0.0	0.007	272	0.045	0.0	1.0	26.7	26.6	−45.8	52.9	300.1
0.0	0.188	0.971	0.158	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
0.0	0.183	0.879	0.147	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
0.0	0.179	0.752	0.137	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
0.0	0.165	0.626	0.132	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
0.0	0.145	0.501	0.132	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
0.0	0.114	0.361	0.14	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
0.0	0.064	0.195	0.157	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
0.023	0.007	0.0	0.17	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
0.157	0.075	0.0	0.015	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
0.129	0.0	1.0	0.0	96	0.871	1.0	0.0	85.7	−16.3	88.4	89.9	100.4
0.123	0.0	0.888	0.011	99	0.822	1.0	0.0	84.6	−17.7	86.2	88.0	101.6
0.119	0.0	0.77	0.021	102	0.773	1.0	0.0	83.5	−19.1	84.0	86.2	102.7
0.137	0.0	0.662	0.029	106	0.705	1.0	0.0	80.8	−21.8	80.6	83.5	105.1
0.159	0.0	0.55	0.037	112	0.619	1.0	0.0	76.9	−25.5	75.9	80.1	108.6
0.181	0.0	0.422	0.024	118	0.516	1.0	0.0	73.3	−30.6	67.4	74.1	114.4
0.219	0.0	0.296	0.001	131	0.326	1.0	0.0	65.8	−41.4	54.4	68.3	127.2
0.214	0.0	0.127	0.0	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
0.196	0.0	0.035	0.0	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9

delta

Grafico TUB-PI45; 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**$_{Mde}$				
648	648$_{de}$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4	0.0	1.0	0.789	0.0	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
649	649$_{de}$	1.0	0.0	0.125	1.0	1.0	0.5	383	1.0	0.0	0.386	47.7	66.3	21.1	69.6	17.6	0.0	1.0	0.611	0.0	367	1.0	0.0	0.386	47.7	66.3	21.1	69.6	17.6
650	650$_{de}$	1.0	0.0	0.25	1.0	1.0	0.5	376	1.0	0.0	0.538	47.8	68.1	11.8	69.2	9.8	0.0	1.0	0.459	0.0	357	1.0	0.0	0.538	47.8	68.1	11.8	69.2	9.8
651	651$_{de}$	1.0	0.0	0.375	1.0	1.0	0.5	368	1.0	0.0	0.735	48.1	70.3	1.1	70.3	0.9	0.0	1.0	0.265	0.0	344	1.0	0.0	0.735	48.1	70.3	1.1	70.3	0.9
652	652$_{de}$	1.0	0.0	0.5	1.0	1.0	0.5	360	0.948	0.0	1.0	47.3	71.5	−9.9	72.1	352.0	0.051	1.0	0.0	0.0	327	0.948	0.0	1.0	47.3	71.5	−9.9	72.1	352.0
653	653$_{de}$	1.0	0.0	0.625	1.0	1.0	0.5	352	0.841	0.0	1.0	45.2	68.5	−12.7	69.7	349.4	0.158	0.999	0.0	0.0	321	0.841	0.0	1.0	45.2	68.5	−12.7	69.7	349.4
654	654$_{de}$	1.0	0.0	0.75	1.0	1.0	0.5	344	0.661	0.0	1.0	41.6	61.0	−19.9	64.2	341.8	0.338	1.0	0.0	0.0	310	0.661	0.0	1.0	41.6	61.0	−19.9	64.2	341.8
655	655$_{de}$	1.0	0.0	0.875	1.0	1.0	0.5	337	0.528	0.0	1.0	38.6	55.0	−25.3	60.6	335.2	0.469	1.0	0.0	0.0	301	0.528	0.0	1.0	38.6	55.0	−25.3	60.6	335.2
656	656$_{de}$	1.0	0.0	1.0	1.0	1.0	0.5	330	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6	0.59	1.0	0.0	0.0	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
657	657$_{de}$	1.0	0.125	0.0	1.0	1.0	0.5	37	1.0	0.007	0.0	47.5	63.3	41.5	75.7	33.2	0.0	0.992	1.0	0.0	30	1.0	0.007	0.0	47.5	63.3	41.5	75.7	33.2
658	658$_{de}$	1.0	0.125	0.125	1.0	0.875	0.562	390	1.0	0.125	0.308	53.6	56.8	27.0	62.9	25.4	0.0	0.875	0.625	0.0	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
659	659$_{de}$	1.0	0.125	0.25	1.0	0.875	0.562	382	1.0	0.125	0.481	53.7	58.3	17.3	60.8	16.5	0.0	0.875	0.5	0.0	366	1.0	0.0	0.407	47.7	66.6	19.8	69.5	16.5
660	660$_{de}$	1.0	0.125	0.375	1.0	0.875	0.562	374	1.0	0.125	0.638	53.9	60.0	8.0	60.6	7.6	0.0	0.875	0.376	0.0	354	1.0	0.0	0.586	47.9	68.6	9.2	69.2	7.6
661	661$_{de}$	1.0	0.125	0.5	1.0	0.875	0.562	365	1.0	0.125	0.859	54.1	62.4	−2.5	62.4	357.6	0.0	0.874	0.133	0.0	338	1.0	0.0	0.838	48.2	71.3	−2.9	71.4	357.6
662	662$_{de}$	1.0	0.125	0.625	1.0	0.875	0.562	355	0.964	0.125	1.0	53.5	62.7	−8.4	63.3	352.3	0.0	0.884	0.013	0.001	327	0.958	0.0	1.0	47.5	71.7	−9.6	72.4	352.3
663	663$_{de}$	1.0	0.125	0.75	1.0	0.875	0.562	346	0.731	0.125	1.0	48.8	54.9	−15.9	57.2	343.7	0.256	0.862	0.0	0.0	312	0.693	0.0	1.0	42.1	62.8	−18.2	65.4	343.7
664	664$_{de}$	1.0	0.125	0.875	1.0	0.875	0.562	338	0.606	0.125	1.0	46.1	48.8	−21.5	53.4	336.1	0.381	0.876	0.0	0.0	303	0.549	0.0	1.0	39.1	55.8	−24.6	61.0	336.1
665	665$_{de}$	1.0	0.125	1.0	1.0	0.875	0.562	330	0.481	0.125	1.0	42.4	43.1	−26.3	50.5	328.6	0.493	0.874	0.0	0.014	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
666	666$_{de}$	1.0	0.25	0.0	1.0	1.0	0.5	44	1.0	0.133	0.0	51.5	54.2	47.2	71.9	41.0	0.0	0.866	1.0	0.0	37	1.0	0.133	0.0	51.5	54.2	47.2	71.9	41.0
667	667$_{de}$	1.0	0.25	0.125	1.0	0.875	0.562	38	1.0	0.147	0.125	54.0	54.3	37.1	65.8	34.3	0.0	0.847	0.787	0.0	31	1.0	0.025	0.0	48.1	62.0	42.4	75.2	34.3
668	668$_{de}$	1.0	0.25	0.25	1.0	0.75	0.625	390	1.0	0.25	0.407	59.6	48.7	23.2	53.9	25.4	0.0	0.75	0.5	0.0	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
669	669$_{de}$	1.0	0.25	0.375	1.0	0.75	0.625	381	1.0	0.25	0.571	59.6	50.2	13.8	52.0	15.4	0.0	0.762	0.376	0.0	364	1.0	0.0	0.428	47.7	66.9	18.5	69.4	15.4
670	670$_{de}$	1.0	0.25	0.5	1.0	0.75	0.625	371	1.0	0.25	0.745	59.9	52.0	3.9	52.2	4.3	0.0	0.76	0.25	0.0	349	1.0	0.0	0.66	48.0	69.4	5.2	69.6	4.3
671	671$_{de}$	1.0	0.25	0.625	1.0	0.75	0.625	360	0.961	0.25	1.0	59.3	53.6	−7.4	54.1	352.0	0.0	0.777	0.01	0.0	327	0.948	0.0	1.0	47.3	71.5	−9.9	72.1	352.0
672	672$_{de}$	1.0	0.25	0.75	1.0	0.75	0.625	349	0.804	0.25	1.0	56.0	49.0	−11.6	50.4	346.6	0.126	0.774	0.0	0.02	315	0.739	0.0	1.0	42.9	65.4	−15.5	67.2	346.6
673	673$_{de}$	1.0	0.25	0.875	1.0	0.75	0.625	339	0.677	0.25	1.0	53.6	42.5	−17.9	46.1	337.1	0.296	0.752	0.0	0.0	304	0.57	0.0	1.0	39.6	56.7	−23.9	61.5	337.1
674	674$_{de}$	1.0	0.25	1.0	1.0	0.75	0.625	330	0.555	0.25	1.0	50.0	36.9	−22.5	43.3	328.6	0.42	0.766	0.0	0.001	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
675	675$_{de}$	1.0	0.375	0.0	1.0	1.0	0.5	52	1.0	0.249	0.0	56.0	44.4	52.9	69.1	49.9	0.0	0.749	1.0	0.0	43	1.0	0.249	0.0	56.0	44.4	52.9	69.1	49.9
676	676$_{de}$	1.0	0.375	0.125	1.0	0.875	0.562	46	1.0	0.267	0.125	58.0	45.3	42.7	62.3	43.3	0.0	0.749	0.816	0.0	38	1.0	0.162	0.0	52.6	51.8	48.8	71.2	43.3
677	677$_{de}$	1.0	0.375	0.25	1.0	0.75	0.625	39	1.0	0.283	0.25	60.4	45.5	32.5	55.9	35.5	0.0	0.75	0.625	0.0	32	1.0	0.044	0.0	48.7	60.7	43.3	74.6	35.5
678	678$_{de}$	1.0	0.375	0.375	1.0	0.625	0.687	390	1.0	0.375	0.505	65.5	40.5	19.3	44.9	25.4	0.0	0.623	0.498	0.0	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
679	679$_{de}$	1.0	0.375	0.5	1.0	0.625	0.687	379	1.0	0.375	0.669	65.6	42.1	9.9	43.2	13.2	0.0	0.63	0.266	0.0	361	1.0	0.0	0.47	47.7	67.4	15.8	69.2	13.2
680	680$_{de}$	1.0	0.375	0.625	1.0	0.625	0.687	367	1.0	0.375	0.853	65.9	44.1	−0.1	44.1	359.8	0.0	0.643	0.125	0.0	342	1.0	0.0	0.765	48.1	70.6	−0.1	70.6	359.8
681	681$_{de}$	1.0	0.375	0.75	1.0	0.625	0.687	353	0.925	0.375	1.0	64.5	43.5	−7.3	44.1	350.4	0.0	0.664	0.007	0.0	323	0.881	0.0	1.0	46.0	69.6	−11.7	70.6	350.4
682	682$_{de}$	1.0	0.375	0.875	1.0	0.625	0.687	341	0.757	0.375	1.0	61.2	36.4	−13.9	39.0	339.0	0.216	0.633	0.0	0.0	307	0.611	0.0	1.0	40.6	58.3	−22.3	62.4	339.0
683	683$_{de}$	1.0	0.375	1.0	1.0	0.625	0.687	330	0.629	0.375	1.0	57.5	30.8	−18.7	36.0	328.6	0.339	0.642	0.0	0.0	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
684	684$_{de}$	1.0	0.5	0.0	1.0	1.0	0.5	60	1.0	0.349	0.0	60.3	35.6	59.0	68.9	58.8	0.0	0.649	1.0	0.0	50	1.0	0.349	0.0	60.3	35.6	59.0	68.9	58.8
685	685$_{de}$	1.0	0.5	0.125	1.0	0.875	0.562	55	1.0	0.376	0.125	62.3	36.1	48.4	60.4	53.3	0.0	0.623	0.835	0.0	46	1.0	0.287	0.0	57.6	41.2	55.4	69.0	53.3
686	686$_{de}$	1.0	0.5	0.25	1.0	0.75	0.625	49	1.0	0.404	0.25	64.6	36.1	38.2	52.6	46.6	0.0	0.625	0.75	0.0	41	1.0	0.205	0.0	54.3	48.2	51.0	70.2	46.6
687	687$_{de}$	1.0	0.5	0.375	1.0	0.625	0.687	41	1.0	0.425	0.375	66.9	36.3	28.1	45.9	37.7	0.0	0.623	0.623	0.0	34	1.0	0.08	0.0	49.8	58.1	44.9	73.5	37.7
688	688$_{de}$	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.604	71.5	32.4	15.4	35.9	25.4	0.0	0.5	0.375	0.0	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
689	689$_{de}$	1.0	0.5	0.625	1.0	0.5	0.75	376	1.0	0.5	0.769	71.6	34.0	5.9	34.6	9.8	0.0	0.498	0.25	0.0	357	1.0	0.0	0.538	47.8	68.1	11.8	69.2	9.8
690	690$_{de}$	1.0	0.5	0.75	1.0	0.5	0.75	360	0.974	0.5	1.0	71.4	35.7	−4.9	36.0	352.0	0.0	0.539	0.008	0.0	327	0.948	0.0	1.0	47.3	71.5	−9.9	72.1	352.0
691	691$_{de}$	1.0	0.5	0.875	1.0	0.5	0.75	344	0.83	0.5	1.0	68.5	30.5	−9.9	32.1	341.8	0.119	0.53	0.0	0.0	310	0.661	0.0	1.0	41.6	61.0	−19.9	64.2	341.8
692	692$_{de}$	1.0	0.5	1.0	1.0	0.5	0.75	330	0.703	0.5	1.0	65.1	24.6	−15.0	28.8	328.6	0.283	0.514	0.0	0.0	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
693	693$_{de}$	1.0	0.625	0.0	1.0	1.0	0.5	68	1.0	0.455	0.0	65.1	26.6	65.2	70.4	67.8	0.0	0.542	1.0	0.0	57	1.0	0.455	0.0	65.1	26.6	65.2	70.4	67.8
694	694$_{de}$	1.0	0.625	0.125	1.0	0.875	0.562	65	1.0	0.488	0.125	67.3	26.2	55.0	60.9	64.4	0.0	0.5	0.875	0.0	54	1.0	0.414	0.0	63.2	30.0	62.8	69.6	64.4
695	695$_{de}$	1.0	0.625	0.25	1.0	0.75	0.625	60	1.0	0.512	0.25	69.1	26.7	44.2	51.7	58.8	0.0	0.5	0.75	0.0	50	1.0	0.349	0.0	60.3	35.6	59.0	68.9	58.8
696	696$_{de}$	1.0	0.625	0.375	1.0	0.625	0.687	53	1.0	0.538	0.375	71.1	27.1	33.6	43.2	51.0	0.0	0.5	0.625	0.0	44	1.0	0.262	0.0	56.5	43.4	53.8	69.1	51.0
697	697$_{de}$	1.0	0.625	0.5	1.0	0.5	0.75	44	1.0	0.566	0.5	73.5	27.1	23.6	35.9	41.0	0.0	0.5	0.5	0.0	37	1.0	0.133	0.0	51.5	54.2	47.2	71.9	41.0
698	698$_{de}$	1.0	0.625	0.625	1.0	0.375	0.812	390	1.0	0.625	0.703	77.5	24.3	11.6	26.9	25.4	0.0	0.388	0.25	0.0	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
699	699$_{de}$	1.0	0.625	0.75	1.0	0.375	0.812	371	1.0	0.625	0.872	77.7	26.0	1.9	26.1	4.3	0.0	0.405	0.125	0.0	349	1.0	0.0	0.66	48.0	69.4	5.2	69.6	4.3
700	700$_{de}$	1.0	0.625	0.875	1.0	0.375	0.812	349	0.902	0.625	1.0	75.7	24.5	−5.8	25.2	346.6	0.018	0.422	0.0	0.012	315	0.739	0.0	1.0	42.9	65.4	−15.5	67.2	346.6
701	701$_{de}$	1.0	0.625	1.0	1.0	0.375	0.812	330	0.777	0.625	1.0	72.7	18.4	−11.2	21.6	328.6	0.214	0.411	0.0	0.0	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
702	702$_{de}$	1.0	0.75	0.0	1.0	1.0	0.5	76	1.0	0.563	0.0	70.4	17.0	72.2	74.1	76.7	0.0	0.435	1.0	0.0	64	1.0	0.563	0.0	70.4	17.0	72.2	74.1	76.7
703	703$_{de}$	1.0	0.75	0.125	1.0	0.875	0.562	74	1.0	0.594	0.125	72.3	17.0	61.5	63.8	74.4	0.0	0.41	0.874	0.0	62	1.0	0.536	0.0	69.0	19.5	70.2	72.9	74.4
704	704$_{de}$	1.0	0.75	0.25	1.0	0.75	0.625	71	1.0	0.621	0.25	74.1	17.2	50.5	53.4	71.1	0.0	0.386	0.749	0.0	59	1.0	0.495	0.0	67.0	23.0	67.3	71.2	71.1
705	705$_{de}$	1.0	0.75	0.375	1.0	0.625	0.687	67	1.0	0.651	0.375	76.1	17.3	40.2	43.8	66.6	0.0	0.375	0.625	0.0	56	1.0	0.441	0.0	64.5	27.7	64.4	70.1	66.6
706	706$_{de}$	1.0	0.75	0.5	1.0	0.5	0.75	60	1.0	0.674	0.5	77.9	17.8	29.5	34.4	58.8	0.0	0.375	0.5	0.0	50	1.0	0.349	0.0	60.3	35.6	59.0	68.9	58.8
707	707$_{de}$	1.0	0.75	0.625	1.0	0.375	0.812	49	1.0	0.702	0.625	80.0	18.0	19.1	26.3	46.6	0.0	0.375	0.375	0.0	41	1.0	0.205	0.0	54.3	48.2	51.0	70.2	46.6
708	708$_{de}$	1.0	0.75	0.75	1.0	0.25	0.875	390	1.0	0.75	0.802	83.5	16.2	7.7	17.9	25.4	0.0	0.25	0.125	0.0	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
709	709$_{de}$	1.0	0.75	0.875	1.0	0.25	0.875	360	0.987	0.75	1.0	83.4	17.8	−2.4	18.0	352.0	0.0	0.3	0.007	0.0	327	0.948	0.0	1.0	47.3	71.5	−9.9	72.1	352.0
710	710$_{de}$	1.0	0.75	1.0	1.0	0.25	0.875	330	0.851	0.75	1.0	80.3	12.3	−7.5	14.4	328.6	0.131	0.283	0.0	0.006	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
711	711$_{de}$	1.0	0.875	0.0	1.0	1.0	0.5	83	1.0	0.675	0.0	75.9	7.5	79.0	79.4	84.5	0.0	0.325	1.0	0.0	71	1.0	0.675	0.0	75.9	7.5	79.0	79.4	84.5
712	712$_{de}$	1.0	0.875	0.125	1.0	0.875	0.562	82	1.0	0.698	0.125	77.5	7.8	68.1	68.6	83.4	0.0	0.306	0.874	0.0	70	1.0	0.655	0.0	75.0	9.0	77.9	78.4	83.4
713	713$_{de}$	1.0	0.875	0.25	1.0	0.75	0.625	81	1.0	0.726	0.25	79.4	7.7	57.5	58.0	82.2	0.0	0.276	0.749	0.0	68	1.0	0.634	0.0	74.0	10.3	76.7	77.4	82.2
714	714$_{de}$	1.0	0.875	0.375	1.0	0.625	0.687	79	1.0	0.752	0.375	81.1	8.2	46.8	47.5	80.0	0.0	0.25	0.625	0.0	66	1.0	0.604	0.0	72.5	13.1	74.9	76.0	80.0
715	715$_{de}$	1.0	0.875	0.5	1.0	0.5	0.75	76	1.0	0.781	0.5	82.9	8.5	36.1	37.0	76.7	0.0	0.25	0.5	0.0	64	1.0	0.563	0.0	70.4	17.0	72.2	74.1	76.7
716	716$_{de}$	1.0	0.875	0.625	1.0	0.375	0.812	71	1.0	0.81	0.625	84.8	8.6	25.2	26.7	71.1	0.0	0.25	0.375	0.0	59	1.0	0.495	0.0	67.0	23.0	67.3	71.2	71.1
717	717$_{de}$	1.0	0.875	0.75	1.0	0.25	0.875	60	1.0	0.837	0.75	86.6	8.9	14.7	17.2	58.8	0.0	0.181	0.25	0.0	50	1.0	0.349	0.0	60.3	35.6	59.0	68.9	58.8
718	718$_{de}$	1.0	0.875	0.875	1.0	0.125	0.937	390	1.0	0.875	0.901	89.4	8.1	3.8	8.9	25.4	0.0	0.152	0.066	0.0	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
719	719$_{de}$	1.0	0.875	1.0	1.0	0.125	0.937	330	0.925	0.875	1.0	87.9	6.1	−3.7	7.2	328.6	0.057	0.146	0.0	0.01	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
720	720$_{de}$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3	0.0	0.159	1.0	0.0	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
721	721$_{de}$	1.0	1.0	0.125	1.0	0.875	0.562	90	1.0	0.861	0.125	84.5	−3.1	76.8	76.9	92.3	0.0	0.137	0.875	0.0	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
722	722$_{de}$	1.0	1.0	0.25	1.0	0.75	0.625	90	1.0	0.881	0.25	86.0	−2.6	65.8	65.9	92.3	0.0	0.131	0.75	0.0	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
723	723$_{de}$	1.0	1.0	0.375	1.0	0.625	0.687	90	1.0	0.901	0.375	87.6	−2.2	54.8	54.9	92.3	0.0	0.106	0.623	0.0	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
724	724$_{de}$	1.0	1.0	0.5	1.0	0.5	0.75	90	1.0	0.92	0.5	89.2	−1.7	43.9	43.9	92.3	0.0	0.09	0.509	0.0	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
725	725$_{de}$	1.0	1.0	0.625	1.0	0.375	0.812	90	1.0	0.94	0.625	90.7	−1.3	32.9	32.9	92.3	0.0	0.071	0.397	0.0	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
726	726$_{de}$	1.0	1.0	0.75	1.0	0.25	0.875	90	1.0	0.96	0.75	92.3	−0.8	21.9	21.9	92.3	0.0	0.052	0.279	0.0	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
727	727$_{de}$	1.0	1.0	0.875	1.0	0.125	0.937	90	1.0	0.98	0.875	93.9	−0.4	10.9	10.9	92.3	0.0	0.032	0.147	0.0	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
728	728$_{de}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0

delta

Grafico TUB-PI45; grafico per il test colori e la differenza, ΔE'*, 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**$_{Mde}$				
729	729$_{de}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	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	0.966	90.6	−4.9	−3.7	6.2	216.9	0.196	0.0	0.035	0.0	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
731	731$_{de}$	0.75	1.0	1.0	1.0	0.25	0.875	210	0.75	1.0	0.933	85.7	−9.9	−7.4	12.4	216.9	0.338	0.0	0.059	0.0	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
732	732$_{de}$	0.625	1.0	1.0	1.0	0.375	0.812	210	0.625	1.0	0.9	80.9	−14.9	−11.2	18.6	216.9	0.475	0.0	0.089	0.0	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
733	733$_{de}$	0.5	1.0	1.0	1.0	0.5	0.75	210	0.5	1.0	0.867	76.0	−19.8	−14.9	24.9	216.9	0.618	0.0	0.13	0.0	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
734	734$_{de}$	0.375	1.0	1.0	1.0	0.625	0.687	210	0.375	1.0	0.834	71.2	−24.8	−18.7	31.1	216.9	0.699	0.0	0.147	0.0	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
735	735$_{de}$	0.25	1.0	1.0	1.0	0.75	0.625	210	0.25	1.0	0.801	66.3	−29.8	−22.4	37.3	216.9	0.799	0.0	0.172	0.0	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
736	736$_{de}$	0.125	1.0	1.0	1.0	0.875	0.562	210	0.125	1.0	0.768	61.5	−34.8	−26.2	43.5	216.9	0.91	0.0	0.25	0.0	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
737	737$_{de}$	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9	1.0	0.0	0.264	0.0	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
738	738$_{de}$	1.0	0.875	0.875	1.0	0.125	0.937	390	1.0	0.875	0.901	89.4	8.1	3.8	8.9	25.4	0.0	0.152	0.066	0.0	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
739	739$_{de}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	85.7	0.0	0.0	0.0	0.0	0.023	0.007	0.0	0.17	360	1.0	1.0	1.0	95.4	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	0.841	80.9	−4.9	−3.7	6.2	216.9	0.21	0.0	0.035	0.17	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
741	741$_{de}$	0.625	0.875	0.875	0.875	0.25	0.75	210	0.625	0.875	0.808	76.0	−9.9	−7.4	12.4	216.9	0.381	0.0	0.083	0.165	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
742	742$_{de}$	0.5	0.875	0.875	0.875	0.375	0.687	210	0.5	0.875	0.775	71.2	−14.9	−11.2	18.6	216.9	0.549	0.0	0.126	0.155	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
743	743$_{de}$	0.375	0.875	0.875	0.875	0.5	0.625	210	0.375	0.875	0.742	66.3	−19.8	−14.9	24.9	216.9	0.653	0.0	0.159	0.147	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
744	744$_{de}$	0.25	0.875	0.875	0.875	0.625	0.562	210	0.25	0.875	0.709	61.4	−24.8	−18.7	31.1	216.9	0.775	0.0	0.195	0.148	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
745	745$_{de}$	0.125	0.875	0.875	0.875	0.75	0.5	210	0.125	0.875	0.676	56.6	−29.8	−22.4	37.3	216.9	0.89	0.0	0.227	0.161	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
746	746$_{de}$	0.0	0.875	0.875	0.875	0.875	0.437	210	0.0	0.875	0.643	51.7	−34.8	−26.2	43.5	216.9	0.967	0.0	0.25	0.178	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
747	747$_{de}$	1.0	0.75	0.75	1.0	0.25	0.875	390	1.0	0.75	0.802	83.5	16.2	7.7	17.9	25.4	0.0	0.25	0.125	0.0	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
748	748$_{de}$	0.875	0.75	0.75	0.875	0.125	0.812	390	0.875	0.75	0.776	79.7	8.1	3.8	8.9	25.4	0.0	0.212	0.123	0.145	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
749	749$_{de}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.0	0.0	0.0	0.0	0.0	0.018	0.009	0.0	0.306	360	1.0	1.0	1.0	95.4	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	0.716	71.1	−4.9	−3.7	6.2	216.9	0.232	0.0	0.039	0.312	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
751	751$_{de}$	0.5	0.75	0.75	0.75	0.25	0.625	210	0.5	0.75	0.683	66.3	−9.9	−7.4	12.4	216.9	0.431	0.0	0.097	0.31	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
752	752$_{de}$	0.375	0.75	0.75	0.75	0.375	0.562	210	0.375	0.75	0.65	61.4	−14.9	−11.2	18.6	216.9	0.571	0.0	0.131	0.297	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
753	753$_{de}$	0.25	0.75	0.75	0.75	0.5	0.5	210	0.25	0.75	0.617	56.6	−19.8	−14.9	24.9	216.9	0.716	0.0	0.172	0.295	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
754	754$_{de}$	0.125	0.75	0.75	0.75	0.625	0.437	210	0.125	0.75	0.584	51.7	−24.8	−18.7	31.1	216.9	0.851	0.0	0.209	0.309	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
755	755$_{de}$	0.0	0.75	0.75	0.75	0.75	0.375	210	0.0	0.75	0.551	46.9	−29.8	−22.4	37.3	216.9	0.929	0.0	0.23	0.332	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
756	756$_{de}$	1.0	0.625	0.625	1.0	0.375	0.812	390	1.0	0.625	0.703	77.5	24.3	11.6	26.9	25.4	0.0	0.388	0.25	0.0	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
757	757$_{de}$	0.875	0.625	0.625	0.875	0.25	0.75	390	0.875	0.625	0.677	73.7	16.2	7.7	17.9	25.4	0.0	0.375	0.227	0.121	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
758	758$_{de}$	0.75	0.625	0.625	0.75	0.125	0.687	390	0.75	0.625	0.651	70.0	8.1	3.8	8.9	25.4	0.0	0.24	0.145	0.286	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
759	759$_{de}$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.3	0.0	0.0	0.0	0.0	0.02	0.01	0.0	0.443	360	1.0	1.0	1.0	95.4	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	0.591	61.4	−4.9	−3.7	6.2	216.9	0.259	0.0	0.049	0.46	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
761	761$_{de}$	0.375	0.625	0.625	0.625	0.25	0.5	210	0.375	0.625	0.558	56.6	−9.9	−7.4	12.4	216.9	0.45	0.0	0.099	0.449	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
762	762$_{de}$	0.25	0.625	0.625	0.625	0.375	0.437	210	0.25	0.625	0.525	51.7	−14.9	−11.2	18.6	216.9	0.632	0.0	0.145	0.442	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
763	763$_{de}$	0.125	0.625	0.625	0.625	0.5	0.375	210	0.125	0.625	0.492	46.9	−19.8	−14.9	24.9	216.9	0.796	0.0	0.187	0.454	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
764	764$_{de}$	0.0	0.625	0.625	0.625	0.625	0.312	210	0.0	0.625	0.459	42.0	−24.8	−18.7	31.1	216.9	0.876	0.0	0.233	0.479	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
765	765$_{de}$	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.604	71.5	32.4	15.4	35.9	25.4	0.0	0.5	0.375	0.0	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
766	766$_{de}$	0.875	0.5	0.5	0.875	0.375	0.687	390	0.875	0.5	0.578	67.8	24.3	11.6	26.9	25.4	0.0	0.504	0.327	0.105	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
767	767$_{de}$	0.75	0.5	0.5	0.75	0.25	0.625	390	0.75	0.5	0.552	64.0	16.2	7.7	17.9	25.4	0.0	0.407	0.259	0.265	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
768	768$_{de}$	0.625	0.5	0.5	0.625	0.125	0.562	390	0.625	0.5	0.526	60.3	8.1	3.8	8.9	25.4	0.0	0.279	0.161	0.419	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
769	769$_{de}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.5	0.0	0.0	0.0	0.0	0.026	0.01	0.0	0.581	360	1.0	1.0	1.0	95.4	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	0.466	51.7	−4.9	−3.7	6.2	216.9	0.276	0.0	0.059	0.59	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
771	771$_{de}$	0.25	0.5	0.5	0.5	0.25	0.375	210	0.249	0.5	0.433	46.8	−9.9	−7.4	12.4	216.9	0.518	0.0	0.118	0.581	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
772	772$_{de}$	0.125	0.5	0.5	0.5	0.375	0.312	210	0.124	0.5	0.4	42.0	−14.9	−11.2	18.6	216.9	0.718	0.0	0.165	0.591	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
773	773$_{de}$	0.0	0.5	0.5	0.5	0.5	0.25	210	0.0	0.5	0.367	37.1	−19.8	−14.9	24.9	216.9	0.804	0.0	0.223	0.614	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
774	774$_{de}$	1.0	0.375	0.375	1.0	0.625	0.687	390	1.0	0.375	0.505	65.5	40.5	19.3	44.9	25.4	0.0	0.623	0.498	0.0	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
775	775$_{de}$	0.875	0.375	0.375	0.875	0.5	0.625	390	0.875	0.375	0.479	61.8	32.4	15.4	35.9	25.4	0.0	0.617	0.42	0.104	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
776	776$_{de}$	0.75	0.375	0.375	0.75	0.375	0.562	390	0.75	0.375	0.453	58.0	24.3	11.6	26.9	25.4	0.0	0.544	0.369	0.256	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
777	777$_{de}$	0.625	0.375	0.375	0.625	0.25	0.5	390	0.625	0.375	0.427	54.3	16.2	7.7	17.9	25.4	0.0	0.47	0.289	0.399	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
778	778$_{de}$	0.5	0.375	0.375	0.5	0.125	0.437	390	0.5	0.375	0.401	50.6	8.1	3.8	8.9	25.4	0.0	0.318	0.203	0.557	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
779	779$_{de}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.8	0.0	0.0	0.0	0.0	0.034	0.018	0.0	0.69	360	1.0	1.0	1.0	95.4	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	0.341	42.0	−4.9	−3.7	6.2	216.9	0.328	0.0	0.057	0.7	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
781	781$_{de}$	0.125	0.375	0.375	0.375	0.25	0.25	210	0.124	0.375	0.308	37.1	−9.9	−7.4	12.4	216.9	0.598	0.0	0.137	0.708	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
782	782$_{de}$	0.0	0.375	0.375	0.375	0.375	0.187	210	0.0	0.375	0.275	32.3	−14.9	−11.2	18.6	216.9	0.717	0.0	0.072	0.72	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
783	783$_{de}$	1.0	0.25	0.25	1.0	0.75	0.625	390	1.0	0.25	0.407	59.6	48.7	23.2	53.9	25.4	0.0	0.75	0.5	0.0	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
784	784$_{de}$	0.875	0.25	0.25	0.875	0.625	0.562	390	0.875	0.25	0.38	55.8	40.5	19.3	44.9	25.4	0.0	0.728	0.518	0.118	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
785	785$_{de}$	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.354	52.1	32.4	15.4	35.9	25.4	0.0	0.672	0.475	0.255	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
786	786$_{de}$	0.625	0.25	0.25	0.625	0.375	0.437	390	0.625	0.25	0.328	48.3	24.3	11.6	26.9	25.4	0.0	0.623	0.418	0.396	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
787	787$_{de}$	0.5	0.25	0.25	0.5	0.25	0.375	390	0.5	0.249	0.302	44.6	16.2	7.7	17.9	25.4	0.0	0.524	0.354	0.54	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
788	788$_{de}$	0.375	0.25	0.25	0.375	0.125	0.312	390	0.375	0.249	0.276	40.8	8.1	3.8	8.9	25.4	0.0	0.37	0.242	0.675	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
789	789$_{de}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	37.1	0.0	0.0	0.0	0.0	0.031	0.021	0.0	0.791	360	1.0	1.0	1.0	95.4	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	0.216	32.2	−4.9	−3.7	6.2	216.9	0.429	0.0	0.059	0.805	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
791	791$_{de}$	0.0	0.25	0.25	0.25	0.25	0.125	210	0.0	0.25	0.183	27.4	−9.9	−7.4	12.4	216.9	0.599	0.0	0.14	0.813	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
792	792$_{de}$	1.0	0.125	0.125	1.0	0.875	0.562	390	1.0	0.125	0.308	53.6	56.8	27.0	62.9	25.4	0.0	0.875	0.625	0.0	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
793	793$_{de}$	0.875	0.125	0.125	0.875	0.75	0.5	390	0.875	0.125	0.282	49.8	48.7	23.2	53.9	25.4	0.0	0.837	0.628	0.138	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
794	794$_{de}$	0.75	0.125	0.125	0.75	0.625	0.437	390	0.75	0.125	0.255	46.1	40.5	19.3	44.9	25.4	0.0	0.793	0.585	0.26	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
795	795$_{de}$	0.625	0.125	0.125	0.625	0.5	0.375	390	0.625	0.125	0.229	42.3	32.4	15.4	35.9	25.4	0.0	0.76	0.546	0.403	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
796	796$_{de}$	0.5	0.125	0.125	0.5	0.375	0.312	390	0.5	0.124	0.203	38.6	24.3	11.6	26.9	25.4	0.0	0.691	0.497	0.539	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
797	797$_{de}$	0.375	0.125	0.125	0.375	0.25	0.25	390	0.375	0.124	0.177	34.9	16.2	7.7	17.9	25.4	0.0	0.606	0.41	0.66	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
798	798$_{de}$	0.25	0.125	0.125	0.25	0.125	0.187	390	0.25	0.124	0.151	31.1	8.1	3.8	8.9	25.4	0.0	0.466	0.281	0.778	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
799	799$_{de}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	27.4	0.0	0.0	0.0	0.0	0.0	0.037	0.041	0.878	360	1.0	1.0	1.0	95.4	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	0.091	22.5	−4.9	−3.7	6.2	216.9	0.452	0.0	0.089	0.888	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
801	801$_{de}$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4	0.0	1.0	0.789	0.0	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
802	802$_{de}$	0.875	0.0	0.0	0.875	0.875	0.437	390	0.875	0.0	0.183	43.9	56.8	27.0	62.9	25.4	0.0	0.962	0.766	0.162	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
803	803$_{de}$	0.75	0.0	0.0	0.75	0.75	0.375	390	0.75	0.0	0.157	40.1	48.7	23.2	53.9	25.4	0.0	0.932	0.724	0.287	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
804	804$_{de}$	0.625	0.0	0.0	0.625	0.625	0.312	390	0.625	0.0	0.13	36.4	40.5	19.3	44.9	25.4	0.0	0.9	0.704	0.419	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
805	805$_{de}$	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.104	32.6	32.4	15.4	35.9	25.4	0.0	0.843	0.663	0.548	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
806	806$_{de}$	0.375	0.0	0.0	0.375	0.375	0.187	390	0.375	0.0	0.078	28.9	24.3	11.6	26.9	25.4	0.0	0.768	0.598	0.663	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
807	807$_{de}$	0.25	0.0	0.0	0.25	0.25	0.125	390	0.25	0.0	0.052	25.1	16.2	7.7	17.9	25.4	0.0	0.659	0.525	0.771	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
808	808$_{de}$	0.125	0.0	0.0	0.125	0.125	0.062	390	0.125	0.0	0.026	21.4	8.1	3.8	8.9	25.4	0.0	0.484	0.393	0.874	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
809	809$_{de}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0

delta

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PI450−7N, 18/22−F

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	95.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
811	811$_{de}$	0.875	0.875	1.0	1.0	0.125	0.937	270	0.875	0.921	1.0	88.2	0.1	−5.6	5.6	271.7	0.157	0.075	0.0	0.015	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
812	812$_{de}$	0.75	0.75	1.0	1.0	0.25	0.875	270	0.75	0.843	1.0	81.0	0.3	−11.3	11.3	271.7	0.295	0.144	0.0	0.021	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
813	813$_{de}$	0.625	0.625	1.0	1.0	0.375	0.812	270	0.625	0.765	1.0	73.8	0.5	−17.0	17.0	271.7	0.419	0.213	0.0	0.024	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
814	814$_{de}$	0.5	0.5	1.0	1.0	0.5	0.75	270	0.5	0.687	1.0	66.7	0.6	−22.7	22.7	271.7	0.564	0.293	0.0	0.021	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
815	815$_{de}$	0.375	0.375	1.0	1.0	0.625	0.687	270	0.375	0.609	1.0	59.5	0.8	−28.3	28.4	271.7	0.669	0.372	0.0	0.017	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
816	816$_{de}$	0.25	0.25	1.0	1.0	0.75	0.625	270	0.25	0.531	1.0	52.3	1.0	−34.0	34.0	271.7	0.758	0.443	0.0	0.017	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
817	817$_{de}$	0.125	0.125	1.0	1.0	0.875	0.562	270	0.125	0.452	1.0	45.1	1.2	−39.7	39.7	271.7	0.895	0.529	0.0	0.014	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
818	818$_{de}$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7	0.999	0.623	0.0	0.0	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
819	819$_{de}$	1.0	1.0	0.875	1.0	0.125	0.937	90	1.0	0.98	0.875	93.9	−0.4	10.9	10.9	92.3	0.0	0.032	0.147	0.0	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
820	820$_{de}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	85.7	0.0	0.0	0.0	0.0	0.023	0.007	0.0	0.17	360	1.0	1.0	1.0	95.4	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	0.796	0.875	78.5	0.1	−5.6	5.6	271.7	0.161	0.087	0.0	0.188	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
822	822$_{de}$	0.625	0.625	0.875	0.875	0.25	0.75	270	0.625	0.718	0.875	71.3	0.3	−11.3	11.3	271.7	0.322	0.171	0.0	0.19	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
823	823$_{de}$	0.5	0.5	0.875	0.875	0.375	0.687	270	0.5	0.64	0.875	64.1	0.5	−17.0	17.0	271.7	0.488	0.261	0.0	0.193	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
824	824$_{de}$	0.375	0.375	0.875	0.875	0.5	0.625	270	0.375	0.562	0.875	56.9	0.6	−22.7	22.7	271.7	0.605	0.346	0.0	0.189	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
825	825$_{de}$	0.25	0.25	0.875	0.875	0.625	0.562	270	0.25	0.484	0.875	49.7	0.8	−28.3	28.4	271.7	0.722	0.436	0.0	0.185	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
826	826$_{de}$	0.125	0.125	0.875	0.875	0.75	0.5	270	0.125	0.406	0.875	42.5	1.0	−34.0	34.0	271.7	0.861	0.52	0.0	0.191	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
827	827$_{de}$	0.0	0.0	0.875	0.875	0.875	0.437	270	0.0	0.327	0.875	35.4	1.2	−39.7	39.7	271.7	0.963	0.595	0.0	0.197	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
828	828$_{de}$	1.0	1.0	0.75	1.0	0.25	0.875	90	1.0	0.96	0.75	92.3	−0.8	21.9	21.9	92.3	0.0	0.052	0.279	0.0	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
829	829$_{de}$	0.875	0.875	0.75	0.875	0.125	0.812	90	0.875	0.855	0.75	84.1	−0.4	10.9	10.9	92.3	0.0	0.064	0.195	0.157	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
830	830$_{de}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.0	0.0	0.0	0.0	0.0	0.018	0.009	0.0	0.306	360	1.0	1.0	1.0	95.4	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	0.671	0.75	68.8	0.1	−5.6	5.6	271.7	0.178	0.102	0.0	0.332	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
832	832$_{de}$	0.5	0.5	0.75	0.75	0.25	0.625	270	0.5	0.593	0.75	61.6	0.3	−11.3	11.3	271.7	0.37	0.203	0.0	0.339	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
833	833$_{de}$	0.375	0.375	0.75	0.75	0.375	0.562	270	0.375	0.515	0.75	54.4	0.5	−17.0	17.0	271.7	0.521	0.306	0.0	0.332	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
834	834$_{de}$	0.25	0.25	0.75	0.75	0.5	0.5	270	0.25	0.437	0.75	47.2	0.6	−22.7	22.7	271.7	0.667	0.407	0.0	0.329	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
835	835$_{de}$	0.125	0.125	0.75	0.75	0.625	0.437	270	0.125	0.359	0.75	40.0	0.8	−28.3	28.4	271.7	0.821	0.5	0.0	0.338	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
836	836$_{de}$	0.0	0.0	0.75	0.75	0.75	0.375	270	0.0	0.281	0.75	32.8	1.0	−34.0	34.0	271.7	0.922	0.581	0.0	0.354	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
837	837$_{de}$	1.0	1.0	0.625	1.0	0.375	0.812	90	1.0	0.94	0.625	90.7	−1.3	32.9	32.9	92.3	0.0	0.071	0.397	0.0	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
838	838$_{de}$	0.875	0.875	0.625	0.875	0.25	0.75	90	0.875	0.835	0.625	82.6	−0.8	21.9	21.9	92.3	0.0	0.114	0.361	0.14	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
839	839$_{de}$	0.75	0.75	0.625	0.75	0.125	0.687	90	0.75	0.73	0.625	74.4	−0.4	10.9	10.9	92.3	0.0	0.076	0.223	0.295	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
840	840$_{de}$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.3	0.0	0.0	0.0	0.0	0.02	0.01	0.0	0.443	360	1.0	1.0	1.0	95.4	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	0.546	0.625	59.1	0.1	−5.6	5.6	271.7	0.209	0.115	0.0	0.472	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
842	842$_{de}$	0.375	0.375	0.625	0.625	0.25	0.5	270	0.375	0.468	0.625	51.9	0.3	−11.3	11.3	271.7	0.405	0.245	0.0	0.468	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
843	843$_{de}$	0.25	0.25	0.625	0.625	0.375	0.437	270	0.25	0.39	0.625	44.7	0.5	−17.0	17.0	271.7	0.587	0.37	0.0	0.463	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
844	844$_{de}$	0.125	0.125	0.625	0.625	0.5	0.375	270	0.125	0.312	0.625	37.5	0.6	−22.7	22.7	271.7	0.77	0.477	0.0	0.474	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
845	845$_{de}$	0.0	0.0	0.625	0.625	0.625	0.312	270	0.0	0.234	0.625	30.3	0.8	−28.3	28.4	271.7	0.876	0.566	0.0	0.479	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
846	846$_{de}$	1.0	1.0	0.5	1.0	0.5	0.75	90	1.0	0.92	0.5	89.2	−1.7	43.9	43.9	92.3	0.0	0.09	0.509	0.0	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
847	847$_{de}$	0.875	0.875	0.5	0.875	0.375	0.687	90	0.875	0.815	0.5	81.0	−1.3	32.9	32.9	92.3	0.0	0.145	0.501	0.132	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
848	848$_{de}$	0.75	0.75	0.5	0.75	0.25	0.625	90	0.75	0.71	0.5	72.9	−0.8	21.9	21.9	92.3	0.0	0.132	0.409	0.28	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
849	849$_{de}$	0.625	0.625	0.5	0.625	0.125	0.562	90	0.625	0.605	0.5	64.7	−0.4	10.9	10.9	92.3	0.0	0.088	0.254	0.428	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
850	850$_{de}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.5	0.0	0.0	0.0	0.0	0.026	0.01	0.0	0.581	360	1.0	1.0	1.0	95.4	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	0.421	0.5	49.4	0.1	−5.6	5.6	271.7	0.23	0.142	0.0	0.602	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
852	852$_{de}$	0.25	0.25	0.5	0.5	0.25	0.375	270	0.249	0.343	0.5	42.2	0.3	−11.3	11.3	271.7	0.473	0.302	0.0	0.596	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
853	853$_{de}$	0.125	0.125	0.5	0.5	0.375	0.312	270	0.124	0.265	0.5	35.0	0.5	−17.0	17.0	271.7	0.692	0.427	0.0	0.609	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
854	854$_{de}$	0.0	0.0	0.5	0.5	0.5	0.25	270	0.0	0.187	0.5	27.8	0.6	−22.7	22.7	271.7	0.812	0.542	0.0	0.602	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
855	855$_{de}$	1.0	1.0	0.375	1.0	0.625	0.687	90	1.0	0.901	0.375	87.6	−2.2	54.8	54.9	92.3	0.0	0.106	0.623	0.0	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
856	856$_{de}$	0.875	0.875	0.375	0.875	0.5	0.625	90	0.875	0.795	0.375	79.4	−1.7	43.9	43.9	92.3	0.0	0.165	0.626	0.132	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
857	857$_{de}$	0.75	0.75	0.375	0.75	0.375	0.562	90	0.75	0.69	0.375	71.3	−1.3	32.9	32.9	92.3	0.0	0.16	0.562	0.275	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
858	858$_{de}$	0.625	0.625	0.375	0.625	0.25	0.5	90	0.625	0.585	0.375	63.1	−0.8	21.9	21.9	92.3	0.0	0.143	0.453	0.413	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
859	859$_{de}$	0.5	0.5	0.375	0.5	0.125	0.437	90	0.5	0.48	0.375	55.0	−0.4	10.9	10.9	92.3	0.0	0.104	0.307	0.563	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
860	860$_{de}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.8	0.0	0.0	0.0	0.0	0.034	0.018	0.0	0.69	360	1.0	1.0	1.0	95.4	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	0.296	0.375	39.6	0.1	−5.6	5.6	271.7	0.28	0.185	0.0	0.709	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
862	862$_{de}$	0.125	0.125	0.375	0.375	0.25	0.25	270	0.124	0.218	0.375	32.4	0.3	−11.3	11.3	271.7	0.563	0.345	0.0	0.721	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
863	863$_{de}$	0.0	0.0	0.375	0.375	0.375	0.187	270	0.0	0.14	0.375	25.2	0.5	−17.0	17.0	271.7	0.721	0.505	0.0	0.716	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
864	864$_{de}$	1.0	1.0	0.25	1.0	0.75	0.625	90	1.0	0.881	0.25	86.0	−2.6	65.8	65.9	92.3	0.0	0.131	0.75	0.0	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
865	865$_{de}$	0.875	0.875	0.25	0.875	0.625	0.562	90	0.875	0.776	0.25	77.9	−2.2	54.8	54.9	92.3	0.0	0.179	0.752	0.137	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
866	866$_{de}$	0.75	0.75	0.25	0.75	0.5	0.5	90	0.75	0.67	0.25	69.7	−1.7	43.9	43.9	92.3	0.0	0.179	0.702	0.276	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
867	867$_{de}$	0.625	0.625	0.25	0.625	0.375	0.437	90	0.625	0.565	0.25	61.6	−1.3	32.9	32.9	92.3	0.0	0.175	0.622	0.408	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
868	868$_{de}$	0.5	0.5	0.25	0.5	0.25	0.375	90	0.5	0.46	0.249	53.4	−0.8	21.9	21.9	92.3	0.0	0.166	0.532	0.548	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
869	869$_{de}$	0.375	0.375	0.25	0.375	0.125	0.312	90	0.375	0.355	0.249	45.3	−0.4	10.9	10.9	92.3	0.0	0.112	0.359	0.683	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
870	870$_{de}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	37.1	0.0	0.0	0.0	0.0	0.031	0.021	0.0	0.791	360	1.0	1.0	1.0	95.4	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	0.171	0.25	29.9	0.1	−5.6	5.6	271.7	0.388	0.243	0.0	0.806	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
872	872$_{de}$	0.0	0.0	0.25	0.25	0.25	0.125	270	0.0	0.093	0.25	22.7	0.3	−11.3	11.3	271.7	0.61	0.403	0.0	0.807	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
873	873$_{de}$	1.0	1.0	0.125	1.0	0.875	0.562	90	1.0	0.861	0.125	84.5	−3.1	76.8	76.9	92.3	0.0	0.137	0.875	0.0	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
874	874$_{de}$	0.875	0.875	0.125	0.875	0.75	0.5	90	0.875	0.756	0.125	76.3	−2.6	65.8	65.9	92.3	0.0	0.183	0.879	0.147	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
875	875$_{de}$	0.75	0.75	0.125	0.75	0.625	0.437	90	0.75	0.651	0.125	68.2	−2.2	54.8	54.9	92.3	0.0	0.19	0.838	0.282	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
876	876$_{de}$	0.625	0.625	0.125	0.625	0.5	0.375	90	0.625	0.545	0.125	60.0	−1.7	43.9	43.9	92.3	0.0	0.198	0.782	0.411	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
877	877$_{de}$	0.5	0.5	0.125	0.5	0.375	0.312	90	0.5	0.44	0.124	51.8	−1.3	32.9	32.9	92.3	0.0	0.199	0.723	0.547	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
878	878$_{de}$	0.375	0.375	0.125	0.375	0.25	0.25	90	0.375	0.335	0.124	43.7	−0.8	21.9	21.9	92.3	0.0	0.185	0.621	0.674	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
879	879$_{de}$	0.25	0.25	0.125	0.25	0.125	0.187	90	0.25	0.23	0.124	35.5	−0.4	10.9	10.9	92.3	0.0	0.141	0.447	0.781	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
880	880$_{de}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	27.4	0.0	0.0	0.0	0.0	0.0	0.037	0.041	0.878	360	1.0	1.0	1.0	95.4	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	0.046	0.125	20.2	0.1	−5.6	5.6	271.7	0.441	0.262	0.0	0.892	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
882	882$_{de}$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3	0.0	0.159	1.0	0.0	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
883	883$_{de}$	0.875	0.875	0.0	0.875	0.875	0.437	90	0.875	0.736	0.0	74.8	−3.1	76.8	76.9	92.3	0.0	0.188	0.971	0.158	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
884	884$_{de}$	0.75	0.75	0.0	0.75	0.75	0.375	90	0.75	0.631	0.0	66.6	−2.6	65.8	65.9	92.3	0.0	0.201	0.941	0.29	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
885	885$_{de}$	0.625	0.625	0.0	0.625	0.625	0.312	90	0.625	0.526	0.0	58.4	−2.2	54.8	54.9	92.3	0.0	0.22	0.9	0.418	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
886	886$_{de}$	0.5	0.5	0.0	0.5	0.5	0.25	90	0.5	0.42	0.0	50.3	−1.7	43.9	43.9	92.3	0.0	0.216	0.867	0.5	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
887	887$_{de}$	0.375	0.375	0.0	0.375	0.375	0.187	90	0.375	0.315	0.0	42.1	−1.3	32.9	32.9	92.3	0.0	0.187	0.765	0.667	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
888	888$_{de}$	0.25	0.25	0.0	0.25	0.25	0.125	90	0.25	0.21	0.0	34.0	−0.8	21.9	21.9	92.3	0.0	0.343	0.686	0.75	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
889	889$_{de}$	0.125	0.125	0.0	0.125	0.125	0.062	90	0.125	0.105	0.0	25.8	−0.4	10.9	10.9	92.3	0.0	0.189	0.488	0.872	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
890	890$_{de}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0

delta

Grafico TUB-PI45; grafico per il test colori e la differenza, ΔE'*, 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	95.4	0.0	0.0	0.0	0.0
892	892$_{de}$	1.0	0.875	1.0	1.0	0.125	0.937	330	0.925	0.875	1.0	87.9	6.1	−3.7	7.2	328.6
893	893$_{de}$	1.0	0.75	1.0	1.0	0.25	0.875	330	0.851	0.75	1.0	80.3	12.3	−7.5	14.4	328.6
894	894$_{de}$	1.0	0.625	1.0	1.0	0.375	0.812	330	0.777	0.625	1.0	72.7	18.4	−11.2	21.6	328.6
895	895$_{de}$	1.0	0.5	1.0	1.0	0.5	0.75	330	0.703	0.5	1.0	65.1	24.6	−15.0	28.8	328.6
896	896$_{de}$	1.0	0.375	1.0	1.0	0.625	0.687	330	0.629	0.375	1.0	57.5	30.8	−18.7	36.0	328.6
897	897$_{de}$	1.0	0.25	1.0	1.0	0.75	0.625	330	0.555	0.25	1.0	50.0	36.9	−22.5	43.3	328.6
898	898$_{de}$	1.0	0.125	1.0	1.0	0.875	0.562	330	0.481	0.125	1.0	42.4	43.1	−26.3	50.5	328.6
899	899$_{de}$	1.0	0.0	1.0	1.0	1.0	0.5	330	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
900	900$_{de}$	0.875	1.0	0.875	1.0	0.125	0.937	150	0.875	1.0	0.886	90.0	−8.3	2.6	8.8	162.2
901	901$_{de}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	85.7	0.0	0.0	0.0	0.0
902	902$_{de}$	0.875	0.75	0.875	0.875	0.125	0.812	330	0.8	0.75	0.875	78.1	6.1	−3.7	7.2	328.6
903	903$_{de}$	0.875	0.625	0.875	0.875	0.25	0.75	330	0.726	0.625	0.875	70.6	12.3	−7.5	14.4	328.6
904	904$_{de}$	0.875	0.5	0.875	0.875	0.375	0.687	330	0.652	0.5	0.875	63.0	18.4	−11.2	21.6	328.6
905	905$_{de}$	0.875	0.375	0.875	0.875	0.5	0.625	330	0.578	0.375	0.875	55.4	24.6	−15.0	28.8	328.6
906	906$_{de}$	0.875	0.25	0.875	0.875	0.625	0.562	330	0.504	0.25	0.875	47.8	30.8	−18.7	36.0	328.6
907	907$_{de}$	0.875	0.125	0.875	0.875	0.75	0.5	330	0.43	0.125	0.875	40.2	36.9	−22.5	43.3	328.6
908	908$_{de}$	0.875	0.0	0.875	0.875	0.875	0.437	330	0.356	0.0	0.875	32.7	43.1	−26.3	50.5	328.6
909	909$_{de}$	0.75	1.0	0.75	1.0	0.25	0.875	150	0.75	1.0	0.773	84.7	−16.7	5.3	17.6	162.2
910	910$_{de}$	0.75	0.875	0.75	0.875	0.125	0.812	150	0.75	0.875	0.761	80.3	−8.3	2.6	8.8	162.2
911	911$_{de}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.0	0.0	0.0	0.0	0.0
912	912$_{de}$	0.75	0.625	0.75	0.75	0.125	0.687	330	0.675	0.625	0.75	68.4	6.1	−3.7	7.2	328.6
913	913$_{de}$	0.75	0.5	0.75	0.75	0.25	0.625	330	0.601	0.5	0.75	60.8	12.3	−7.5	14.4	328.6
914	914$_{de}$	0.75	0.375	0.75	0.75	0.375	0.562	330	0.527	0.375	0.75	53.3	18.4	−11.2	21.6	328.6
915	915$_{de}$	0.75	0.25	0.75	0.75	0.5	0.5	330	0.453	0.25	0.75	45.7	24.6	−15.0	28.8	328.6
916	916$_{de}$	0.75	0.125	0.75	0.75	0.625	0.437	330	0.379	0.125	0.75	38.1	30.8	−18.7	36.0	328.6
917	917$_{de}$	0.75	0.0	0.75	0.75	0.75	0.375	330	0.305	0.0	0.75	30.5	36.9	−22.5	43.3	328.6
918	918$_{de}$	0.625	1.0	0.625	1.0	0.375	0.812	150	0.625	1.0	0.659	79.3	−25.1	8.0	26.4	162.2
919	919$_{de}$	0.625	0.875	0.625	0.875	0.25	0.75	150	0.625	0.875	0.648	74.9	−16.7	5.3	17.6	162.2
920	920$_{de}$	0.625	0.75	0.625	0.75	0.125	0.687	150	0.625	0.75	0.636	70.6	−8.3	2.6	8.8	162.2
921	921$_{de}$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.3	0.0	0.0	0.0	0.0
922	922$_{de}$	0.625	0.5	0.625	0.625	0.125	0.562	330	0.55	0.5	0.625	58.7	6.1	−3.7	7.2	328.6
923	923$_{de}$	0.625	0.375	0.625	0.625	0.25	0.5	330	0.476	0.375	0.625	51.1	12.3	−7.5	14.4	328.6
924	924$_{de}$	0.625	0.25	0.625	0.625	0.375	0.437	330	0.402	0.25	0.625	43.5	18.4	−11.2	21.6	328.6
925	925$_{de}$	0.625	0.125	0.625	0.625	0.5	0.375	330	0.328	0.125	0.625	36.0	24.6	−15.0	28.8	328.6
926	926$_{de}$	0.625	0.0	0.625	0.625	0.625	0.312	330	0.254	0.0	0.625	28.4	30.8	−18.7	36.0	328.6
927	927$_{de}$	0.5	1.0	0.5	1.0	0.5	0.75	150	0.5	1.0	0.546	73.9	−33.5	10.7	35.2	162.2
928	928$_{de}$	0.5	0.875	0.5	0.875	0.375	0.687	150	0.5	0.875	0.534	69.6	−25.1	8.0	26.4	162.2
929	929$_{de}$	0.5	0.75	0.5	0.75	0.25	0.625	150	0.5	0.75	0.523	65.2	−16.7	5.3	17.6	162.2
930	930$_{de}$	0.5	0.625	0.5	0.625	0.125	0.562	150	0.5	0.625	0.511	60.9	−8.3	2.6	8.8	162.2
931	931$_{de}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.5	0.0	0.0	0.0	0.0
932	932$_{de}$	0.5	0.375	0.5	0.5	0.125	0.437	330	0.425	0.375	0.5	49.0	6.1	−3.7	7.2	328.6
933	933$_{de}$	0.5	0.25	0.5	0.5	0.25	0.375	330	0.351	0.249	0.5	41.4	12.3	−7.5	14.4	328.6
934	934$_{de}$	0.5	0.125	0.5	0.5	0.375	0.312	330	0.277	0.124	0.5	33.8	18.4	−11.2	21.6	328.6
935	935$_{de}$	0.5	0.0	0.5	0.5	0.5	0.25	330	0.203	0.0	0.5	26.2	24.6	−15.0	28.8	328.6
936	936$_{de}$	0.375	1.0	0.375	1.0	0.625	0.687	150	0.375	1.0	0.433	68.5	−41.9	13.4	44.0	162.2
937	937$_{de}$	0.375	0.875	0.375	0.875	0.5	0.625	150	0.375	0.875	0.421	64.2	−33.5	10.7	35.2	162.2
938	938$_{de}$	0.375	0.75	0.375	0.75	0.375	0.562	150	0.375	0.75	0.409	59.8	−25.1	8.0	26.4	162.2
939	939$_{de}$	0.375	0.625	0.375	0.625	0.25	0.5	150	0.375	0.625	0.398	55.5	−16.7	5.3	17.6	162.2
940	940$_{de}$	0.375	0.5	0.375	0.5	0.125	0.437	150	0.375	0.5	0.386	51.2	−8.3	2.6	8.8	162.2
941	941$_{de}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.8	0.0	0.0	0.0	0.0
942	942$_{de}$	0.375	0.25	0.375	0.375	0.125	0.312	330	0.3	0.249	0.375	39.2	6.1	−3.7	7.2	328.6
943	943$_{de}$	0.375	0.125	0.375	0.375	0.25	0.25	330	0.226	0.124	0.375	31.7	12.3	−7.5	14.4	328.6
944	944$_{de}$	0.375	0.0	0.375	0.375	0.375	0.187	330	0.152	0.0	0.375	24.1	18.4	−11.2	21.6	328.6
945	945$_{de}$	0.25	1.0	0.25	1.0	0.75	0.625	150	0.25	1.0	0.319	63.1	−50.3	16.1	52.8	162.2
946	946$_{de}$	0.25	0.875	0.25	0.875	0.625	0.562	150	0.25	0.875	0.308	58.8	−41.9	13.4	44.0	162.2
947	947$_{de}$	0.25	0.75	0.25	0.75	0.5	0.5	150	0.25	0.75	0.296	54.5	−33.5	10.7	35.2	162.2
948	948$_{de}$	0.25	0.625	0.25	0.625	0.375	0.437	150	0.25	0.625	0.284	50.1	−25.1	8.0	26.4	162.2
949	949$_{de}$	0.25	0.5	0.25	0.5	0.25	0.375	150	0.249	0.5	0.273	45.8	−16.7	5.3	17.6	162.2
950	950$_{de}$	0.25	0.375	0.25	0.375	0.125	0.312	150	0.249	0.375	0.261	41.4	−8.3	2.6	8.8	162.2
951	951$_{de}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	37.1	0.0	0.0	0.0	0.0
952	952$_{de}$	0.25	0.125	0.25	0.25	0.125	0.187	330	0.175	0.124	0.25	29.5	6.1	−3.7	7.2	328.6
953	953$_{de}$	0.25	0.0	0.25	0.25	0.25	0.125	330	0.101	0.0	0.25	21.9	12.3	−7.5	14.4	328.6
954	954$_{de}$	0.125	1.0	0.125	1.0	0.875	0.562	150	0.125	1.0	0.206	57.7	−58.7	18.8	61.6	162.2
955	955$_{de}$	0.125	0.875	0.125	0.875	0.75	0.5	150	0.125	0.875	0.194	53.4	−50.3	16.1	52.8	162.2
956	956$_{de}$	0.125	0.75	0.125	0.75	0.625	0.437	150	0.125	0.75	0.183	49.1	−41.9	13.4	44.0	162.2
957	957$_{de}$	0.125	0.625	0.125	0.625	0.5	0.375	150	0.125	0.625	0.171	44.7	−33.5	10.7	35.2	162.2
958	958$_{de}$	0.125	0.5	0.125	0.5	0.375	0.312	150	0.124	0.5	0.159	40.4	−25.1	8.0	26.4	162.2
959	959$_{de}$	0.125	0.375	0.125	0.375	0.25	0.25	150	0.124	0.375	0.148	36.1	−16.7	5.3	17.6	162.2
960	960$_{de}$	0.125	0.25	0.125	0.25	0.125	0.187	150	0.124	0.25	0.136	31.7	−8.3	2.6	8.8	162.2
961	961$_{de}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	27.4	0.0	0.0	0.0	0.0
962	962$_{de}$	0.125	0.0	0.125	0.125	0.125	0.062	330	0.05	0.0	0.125	19.8	6.1	−3.7	7.2	328.6
963	963$_{de}$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
964	964$_{de}$	0.0	0.875	0.0	0.875	0.875	0.437	150	0.0	0.875	0.081	48.0	−58.7	18.8	61.6	162.2
965	965$_{de}$	0.0	0.75	0.0	0.75	0.75	0.375	150	0.0	0.75	0.069	43.7	−50.3	16.1	52.8	162.2
966	966$_{de}$	0.0	0.625	0.0	0.625	0.625	0.312	150	0.0	0.625	0.058	39.4	−41.9	13.4	44.0	162.2
967	967$_{de}$	0.0	0.5	0.0	0.5	0.5	0.25	150	0.0	0.5	0.046	35.0	−33.5	10.7	35.2	162.2
968	968$_{de}$	0.0	0.375	0.0	0.375	0.375	0.187	150	0.0	0.375	0.034	30.7	−25.1	8.0	26.4	162.2
969	969$_{de}$	0.0	0.25	0.0	0.25	0.25	0.125	150	0.0	0.25	0.023	26.3	−16.7	5.3	17.6	162.2
970	970$_{de}$	0.0	0.125	0.0	0.125	0.125	0.062	150	0.0	0.125	0.011	22.0	−8.3	2.6	8.8	162.2
971	971$_{de}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	17.7	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	95.4	0.0	0.0	0.0	0.0
0.057	0.146	0.0	0.01	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
0.131	0.283	0.0	0.006	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
0.214	0.411	0.0	0.0	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
0.283	0.514	0.0	0.0	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
0.339	0.642	0.0	0.0	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
0.42	0.766	0.0	0.001	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
0.493	0.874	0.0	0.014	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
0.59	1.0	0.0	0.0	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
0.214	0.0	0.127	0.0	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
0.023	0.007	0.0	0.17	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
0.064	0.167	0.0	0.188	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
0.137	0.325	0.0	0.188	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
0.22	0.467	0.0	0.181	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
0.304	0.597	0.0	0.181	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
0.392	0.719	0.0	0.185	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
0.48	0.831	0.0	0.182	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
0.55	0.964	0.0	0.193	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
0.375	0.0	0.25	0.0	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
0.248	0.0	0.162	0.15	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
0.018	0.009	0.0	0.306	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
0.06	0.191	0.0	0.329	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
0.147	0.369	0.0	0.33	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
0.255	0.526	0.0	0.33	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
0.355	0.662	0.0	0.328	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
0.446	0.795	0.0	0.321	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
0.516	0.925	0.0	0.345	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
0.5	0.0	0.375	0.0	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
0.435	0.0	0.312	0.12	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
0.274	0.0	0.188	0.292	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
0.02	0.01	0.0	0.443	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
0.061	0.223	0.0	0.469	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
0.176	0.415	0.0	0.471	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
0.3	0.584	0.0	0.463	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
0.389	0.745	0.0	0.458	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
0.454	0.876	0.0	0.479	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
0.634	0.0	0.498	0.0	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
0.599	0.0	0.438	0.094	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
0.486	0.0	0.349	0.268	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
0.312	0.0	0.218	0.441	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
0.026	0.01	0.0	0.581	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
0.073	0.255	0.0	0.609	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
0.199	0.487	0.0	0.598	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
0.343	0.691	0.0	0.602	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
0.477	0.802	0.0	0.617	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
0.75	0.0	0.625	0.0	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
0.702	0.0	0.528	0.078	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
0.626	0.0	0.464	0.247	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
0.512	0.0	0.381	0.412	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
0.327	0.0	0.249	0.567	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
0.034	0.018	0.0	0.69	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
0.105	0.321	0.0	0.707	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
0.242	0.578	0.0	0.717	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
0.38	0.708	0.0	0.729	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
0.875	0.0	0.75	0.0	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
0.823	0.0	0.641	0.092	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
0.771	0.0	0.591	0.249	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
0.69	0.0	0.531	0.403	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
0.574	0.0	0.444	0.545	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
0.38	0.0	0.3	0.684	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
0.031	0.021	0.0	0.791	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
0.163	0.418	0.0	0.805	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
0.341	0.607	0.0	0.809	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
0.919	0.0	0.773	0.0	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
0.915	0.0	0.752	0.13	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
0.888	0.0	0.713	0.27	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
0.84	0.0	0.666	0.419	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
0.767	0.0	0.603	0.559	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
0.658	0.0	0.52	0.691	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
0.474	0.0	0.378	0.793	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
0.0	0.037	0.041	0.878	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
0.217	0.435	0.0	0.894	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
1.0	0.0	0.905	0.0	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
0.978	0.0	0.838	0.125	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
0.951	0.0	0.793	0.25	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
0.916	0.0	0.732	0.375	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
0.867	0.0	0.65	0.5	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
0.722	0.0	0.708	0.716	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
0.615	0.0	0.615	0.803	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
0.457	0.0	0.457	0.885	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0

delta

n	HIC*$_{Fde}$	*rgb*$_{Fde}$			*ict*$_{Fde}$			h_{si_Fde}	*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	17.7	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	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	27.4	0.0	0.0	0.0	0.0	0.037	0.041	0.878	360	1.0	1.0	1.0	95.4	0.0	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	37.1	0.0	0.0	0.0	0.031	0.021	0.0	0.791	360	1.0	1.0	1.0	95.4	0.0	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	46.8	0.0	0.0	0.0	0.034	0.018	0.0	0.69	360	1.0	1.0	1.0	95.4	0.0	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	56.5	0.0	0.0	0.0	0.026	0.01	0.0	0.581	360	1.0	1.0	1.0	95.4	0.0	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	66.3	0.0	0.0	0.0	0.02	0.01	0.0	0.443	360	1.0	1.0	1.0	95.4	0.0	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	76.0	0.0	0.0	0.0	0.018	0.009	0.0	0.306	360	1.0	1.0	1.0	95.4	0.0	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	85.7	0.0	0.0	0.0	0.023	0.007	0.0	0.17	360	1.0	1.0	1.0	95.4	0.0	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	95.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
981	981$_{de}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	17.7	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	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	27.4	0.0	0.0	0.0	0.0	0.037	0.041	0.878	360	1.0	1.0	1.0	95.4	0.0	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	37.1	0.0	0.0	0.0	0.031	0.021	0.0	0.791	360	1.0	1.0	1.0	95.4	0.0	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	46.8	0.0	0.0	0.0	0.034	0.018	0.0	0.69	360	1.0	1.0	1.0	95.4	0.0	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	56.5	0.0	0.0	0.0	0.026	0.01	0.0	0.581	360	1.0	1.0	1.0	95.4	0.0	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	66.3	0.0	0.0	0.0	0.02	0.01	0.0	0.443	360	1.0	1.0	1.0	95.4	0.0	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	76.0	0.0	0.0	0.0	0.018	0.009	0.0	0.306	360	1.0	1.0	1.0	95.4	0.0	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	85.7	0.0	0.0	0.0	0.023	0.007	0.0	0.17	360	1.0	1.0	1.0	95.4	0.0	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	95.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
990	990$_{de}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	17.7	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	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	27.4	0.0	0.0	0.0	0.0	0.037	0.041	0.878	360	1.0	1.0	1.0	95.4	0.0	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	37.1	0.0	0.0	0.0	0.031	0.021	0.0	0.791	360	1.0	1.0	1.0	95.4	0.0	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	46.8	0.0	0.0	0.0	0.034	0.018	0.0	0.69	360	1.0	1.0	1.0	95.4	0.0	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	56.5	0.0	0.0	0.0	0.026	0.01	0.0	0.581	360	1.0	1.0	1.0	95.4	0.0	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	66.3	0.0	0.0	0.0	0.02	0.01	0.0	0.443	360	1.0	1.0	1.0	95.4	0.0	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	76.0	0.0	0.0	0.0	0.018	0.009	0.0	0.306	360	1.0	1.0	1.0	95.4	0.0	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	85.7	0.0	0.0	0.0	0.023	0.007	0.0	0.17	360	1.0	1.0	1.0	95.4	0.0	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	95.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
999	999$_{de}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	17.7	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	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	27.4	0.0	0.0	0.0	0.0	0.037	0.041	0.878	360	1.0	1.0	1.0	95.4	0.0	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	37.1	0.0	0.0	0.0	0.031	0.021	0.0	0.791	360	1.0	1.0	1.0	95.4	0.0	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	46.8	0.0	0.0	0.0	0.034	0.018	0.0	0.69	360	1.0	1.0	1.0	95.4	0.0	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	56.5	0.0	0.0	0.0	0.026	0.01	0.0	0.581	360	1.0	1.0	1.0	95.4	0.0	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	66.3	0.0	0.0	0.0	0.02	0.01	0.0	0.443	360	1.0	1.0	1.0	95.4	0.0	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	76.0	0.0	0.0	0.0	0.018	0.009	0.0	0.306	360	1.0	1.0	1.0	95.4	0.0	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	85.7	0.0	0.0	0.0	0.023	0.007	0.0	0.17	360	1.0	1.0	1.0	95.4	0.0	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	95.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1008	1008$_{de}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	17.7	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	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	22.8	0.0	0.0	0.0	0.139	0.022	0.0	0.933	360	1.0	1.0	1.0	95.4	0.0	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	28.0	0.0	0.0	0.0	0.0	0.043	0.048	0.871	360	1.0	1.0	1.0	95.4	0.0	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	33.2	0.0	0.0	0.0	0.057	0.036	0.0	0.825	360	1.0	1.0	1.0	95.4	0.0	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	38.3	0.0	0.0	0.0	0.013	0.015	0.0	0.781	360	1.0	1.0	1.0	95.4	0.0	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	43.6	0.0	0.0	0.0	0.0	0.016	0.005	0.731	360	1.0	1.0	1.0	95.4	0.0	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	48.8	0.0	0.0	0.0	0.027	0.013	0.0	0.672	360	1.0	1.0	1.0	95.4	0.0	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	53.9	0.0	0.0	0.0	0.0	0.019	0.018	0.628	360	1.0	1.0	1.0	95.4	0.0	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	59.1	0.0	0.0	0.0	0.021	0.007	0.0	0.541	360	1.0	1.0	1.0	95.4	0.0	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	64.3	0.0	0.0	0.0	0.0	0.006	0.0	0.478	360	1.0	1.0	1.0	95.4	0.0	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	69.5	0.0	0.0	0.0	0.006	0.005	0.0	0.405	360	1.0	1.0	1.0	95.4	0.0	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	74.7	0.0	0.0	0.0	0.021	0.011	0.0	0.322	360	1.0	1.0	1.0	95.4	0.0	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	79.9	0.0	0.0	0.0	0.0	0.007	0.005	0.26	360	1.0	1.0	1.0	95.4	0.0	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	85.0	0.0	0.0	0.0	0.024	0.007	0.0	0.179	360	1.0	1.0	1.0	95.4	0.0	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	90.2	0.0	0.0	0.0	0.02	0.005	0.0	0.084	360	1.0	1.0	1.0	95.4	0.0	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	95.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1024	1024$_{de}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	17.7	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	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	22.8	0.0	0.0	0.0	0.139	0.022	0.0	0.933	360	1.0	1.0	1.0	95.4	0.0	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	28.0	0.0	0.0	0.0	0.0	0.043	0.048	0.871	360	1.0	1.0	1.0	95.4	0.0	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	33.2	0.0	0.0	0.0	0.057	0.036	0.0	0.825	360	1.0	1.0	1.0	95.4	0.0	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	38.3	0.0	0.0	0.0	0.013	0.015	0.0	0.781	360	1.0	1.0	1.0	95.4	0.0	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	43.6	0.0	0.0	0.0	0.0	0.016	0.005	0.731	360	1.0	1.0	1.0	95.4	0.0	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	48.8	0.0	0.0	0.0	0.027	0.013	0.0	0.672	360	1.0	1.0	1.0	95.4	0.0	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	53.9	0.0	0.0	0.0	0.0	0.019	0.018	0.628	360	1.0	1.0	1.0	95.4	0.0	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	59.1	0.0	0.0	0.0	0.021	0.007	0.0	0.541	360	1.0	1.0	1.0	95.4	0.0	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	64.3	0.0	0.0	0.0	0.0	0.006	0.0	0.478	360	1.0	1.0	1.0	95.4	0.0	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	69.5	0.0	0.0	0.0	0.006	0.005	0.0	0.405	360	1.0	1.0	1.0	95.4	0.0	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	74.7	0.0	0.0	0.0	0.021	0.011	0.0	0.322	360	1.0	1.0	1.0	95.4	0.0	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	79.9	0.0	0.0	0.0	0.0	0.007	0.005	0.26	360	1.0	1.0	1.0	95.4	0.0	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	85.0	0.0	0.0	0.0	0.024	0.007	0.0	0.179	360	1.0	1.0	1.0	95.4	0.0	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	90.2	0.0	0.0	0.0	0.02	0.005	0.0	0.084	360	1.0	1.0	1.0	95.4	0.0	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	95.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1040	1040$_{de}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	17.7	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	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	22.8	0.0	0.0	0.0	0.139	0.022	0.0	0.933	360	1.0	1.0	1.0	95.4	0.0	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	28.0	0.0	0.0	0.0	0.0	0.043	0.048	0.871	360	1.0	1.0	1.0	95.4	0.0	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	33.2	0.0	0.0	0.0	0.057	0.036	0.0	0.825	360	1.0	1.0	1.0	95.4	0.0	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	38.3	0.0	0.0	0.0	0.013	0.015	0.0	0.781	360	1.0	1.0	1.0	95.4	0.0	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	43.6	0.0	0.0	0.0	0.0	0.016	0.005	0.731	360	1.0	1.0	1.0	95.4	0.0	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	48.8	0.0	0.0	0.0	0.027	0.013	0.0	0.672	360	1.0	1.0	1.0	95.4	0.0	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	53.9	0.0	0.0	0.0	0.0	0.019	0.018	0.628	360	1.0	1.0	1.0	95.4	0.0	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	59.1	0.0	0.0	0.0	0.021	0.007	0.0	0.541	360	1.0	1.0	1.0	95.4	0.0	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	64.3	0.0	0.0	0.0	0.0	0.006	0.0	0.478	360	1.0	1.0	1.0	95.4	0.0	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	69.5	0.0	0.0	0.0	0.006	0.005	0.0	0.405	360	1.0	1.0	1.0	95.4	0.0	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	74.7	0.0	0.0	0.0	0.021	0.011	0.0	0.322	360	1.0	1.0	1.0	95.4	0.0	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	79.9	0.0	0.0	0.0	0.0	0.007	0.005	0.26	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0

delta

Grafico TUB-PI45; grafico per il test colori e la differenza, ΔE'*, 3D=1, de=1, *cmyk**

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

4−1132030−F0

iscrizione TUB: 20160501-PI45/PI45L0FA.TXT /.PS   TUB materiale: code=rha4ta
Applicazione per la misura dell'output output nella stampa di offset, separazione cmyn6* (CMYK)

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	1053de	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	85.0	0.0	0.0	0.0	0.0	0.024	0.007	0.0	0.179	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1054	1054de	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	90.2	0.0	0.0	0.0	0.0	0.02	0.005	0.0	0.084	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1055	1055de	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1056	1056de	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1057	1057de	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	22.8	0.0	0.0	0.0	0.0	0.139	0.022	0.0	0.933	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1058	1058de	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	28.0	0.0	0.0	0.0	0.0	0.0	0.043	0.048	0.871	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1059	1059de	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	33.2	0.0	0.0	0.0	0.0	0.057	0.036	0.0	0.825	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1060	1060de	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	38.3	0.0	0.0	0.0	0.0	0.013	0.015	0.0	0.781	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1061	1061de	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	43.6	0.0	0.0	0.0	0.0	0.0	0.016	0.005	0.731	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1062	1062de	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	48.8	0.0	0.0	0.0	0.0	0.027	0.013	0.0	0.672	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1063	1063de	0.466	0.466	0.466	0.466	0.0	0.466	360	0.466	0.466	0.466	53.9	0.0	0.0	0.0	0.0	0.0	0.019	0.018	0.628	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1064	1064de	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	59.1	0.0	0.0	0.0	0.0	0.021	0.007	0.0	0.541	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1065	1065de	0.6	0.6	0.6	0.6	0.0	0.6	360	0.6	0.6	0.6	64.3	0.0	0.0	0.0	0.0	0.0	0.006	0.0	0.478	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1066	1066de	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	69.5	0.0	0.0	0.0	0.0	0.006	0.005	0.0	0.405	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1067	1067de	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	74.7	0.0	0.0	0.0	0.0	0.021	0.011	0.0	0.322	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1068	1068de	0.8	0.8	0.8	0.8	0.0	0.8	360	0.8	0.8	0.8	79.9	0.0	0.0	0.0	0.0	0.0	0.007	0.005	0.26	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1069	1069de	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	85.0	0.0	0.0	0.0	0.0	0.024	0.007	0.0	0.179	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1070	1070de	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	90.2	0.0	0.0	0.0	0.0	0.02	0.005	0.0	0.084	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1071	1071de	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1072	1072de	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1073	1073de	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1074	1074de	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4	0.0	1.0	0.789	0.0	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
1075	1075de	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9	1.0	0.0	0.264	0.0	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
1076	1076de	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3	0.0	0.159	1.0	0.0	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
1077	1077de	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7	0.999	0.623	0.0	0.0	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
1078	1078de	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2	1.0	0.0	0.905	0.0	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
1079	1079de	1.0	0.0	1.0	1.0	1.0	0.5	330	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6	0.59	1.0	0.0	0.0	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6

delta

4−1132130−F0   PI450−7N, 22/22−F

Grafico TUB-PI45; grafico per il test colori e la differenza, $\Delta E'^*$, 3D=1, de=1, *cmyk**

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

4−1132130−F0