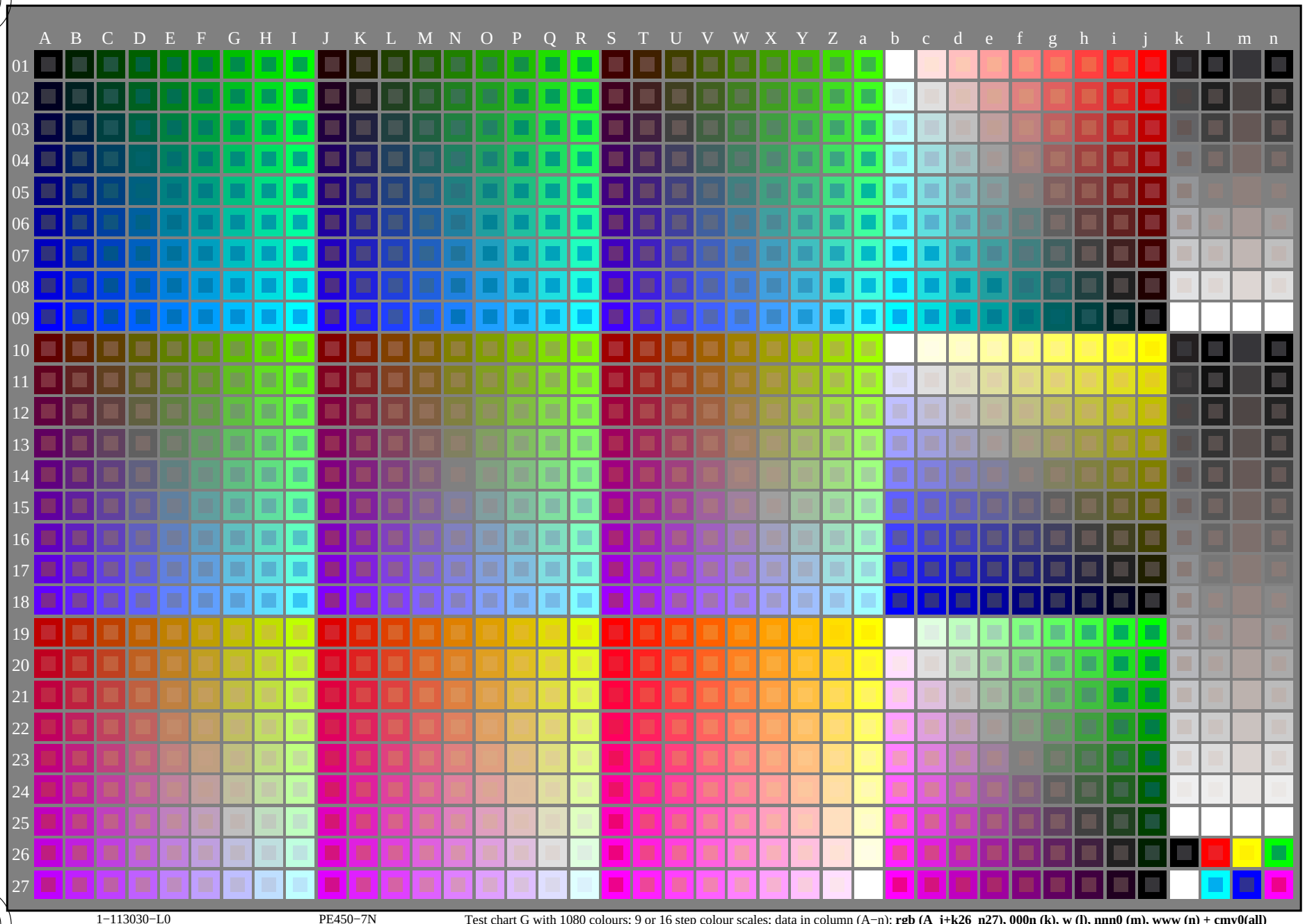
http://130.149.60.45/~farbmetrik/PE45/PE45L0FA.TXT /.PS; start output
F: 3D-linearization PE45/PE45LE30FA.DAT in file (F), page 1/22



see similar files: http://130.149.60.45/~farbmetrik/PE45/PE45.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

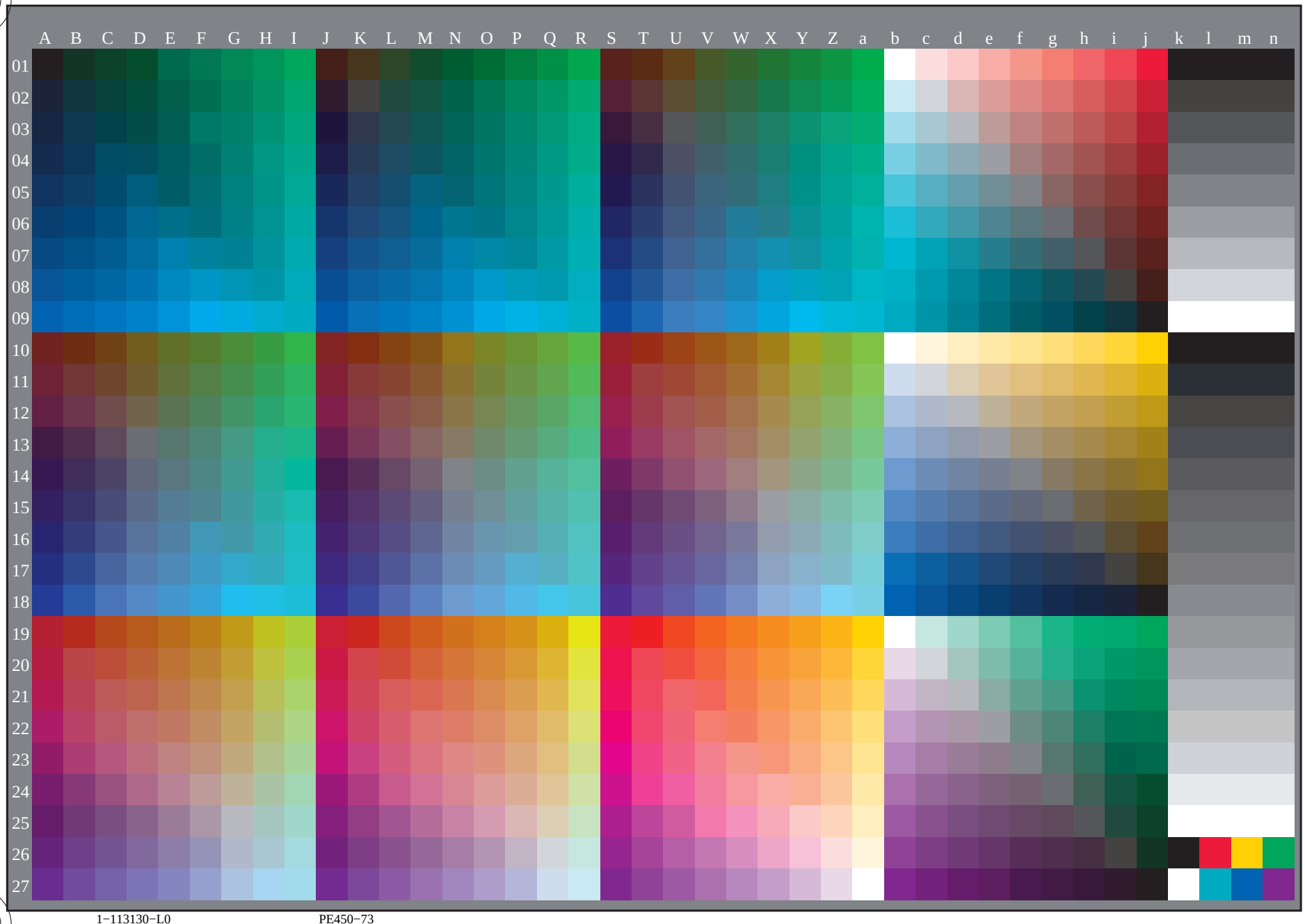
TUB registration: 20130201-PE45/PE45L0FA.TXT /.PS
application for measurement of offset print output

TUB material: code=rha4ta

1−113030−L0 PE450−7N 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)**

TUB-test chart PE45; standard test chart
1080 standard colours; image technology

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



see similar files: http://130.149.60.45/~farbmetrik/PE45/PE45.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

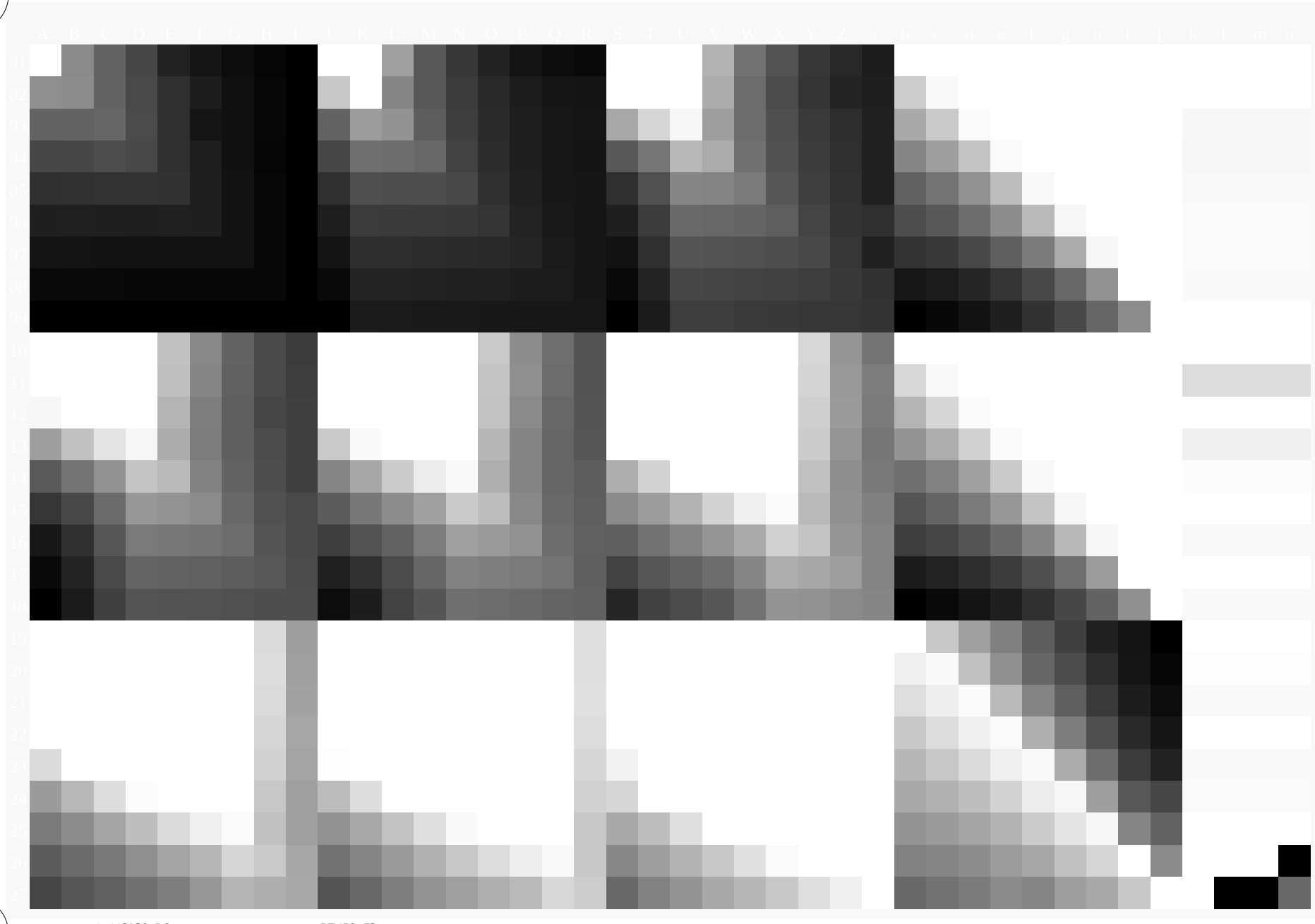
TUB registration: 20130201-PE45/PE45L0FA.TXT /.PS
application for measurement of offset print output, separation cmyn6* (CMYK)
TUB material: code=rha4ta

1-113130-L0 PE450-73

TUB-test chart PE45; standard test chart
1080 standard colours, 3D=1, de=1, *cmyk**

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

1-113130-F0

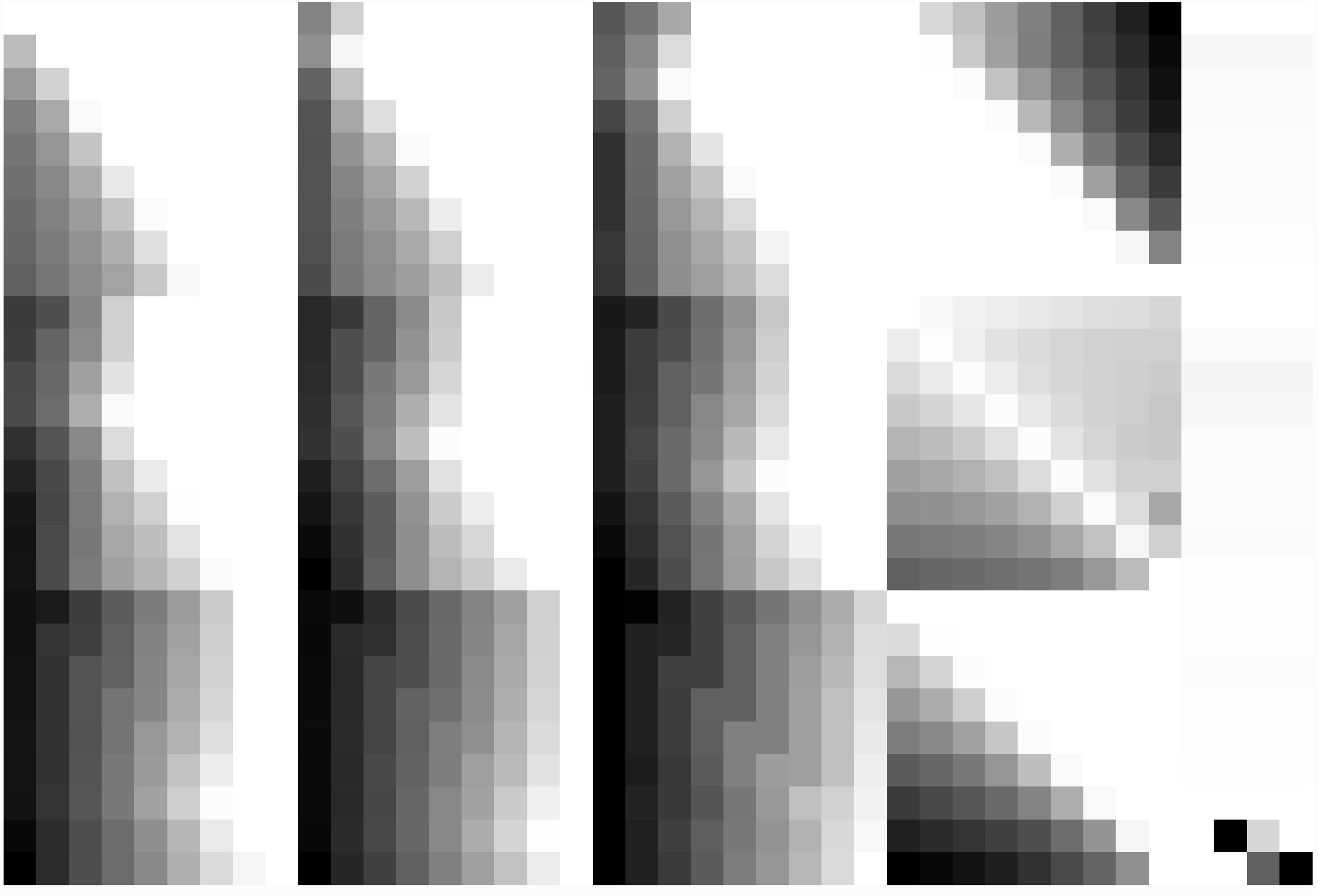


1−113230−L0 PE450−73

TUB-test chart PE45; standard test chart
1080 standard colours, 3D=1, de=1, *cmyk**

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

1−113230−F0

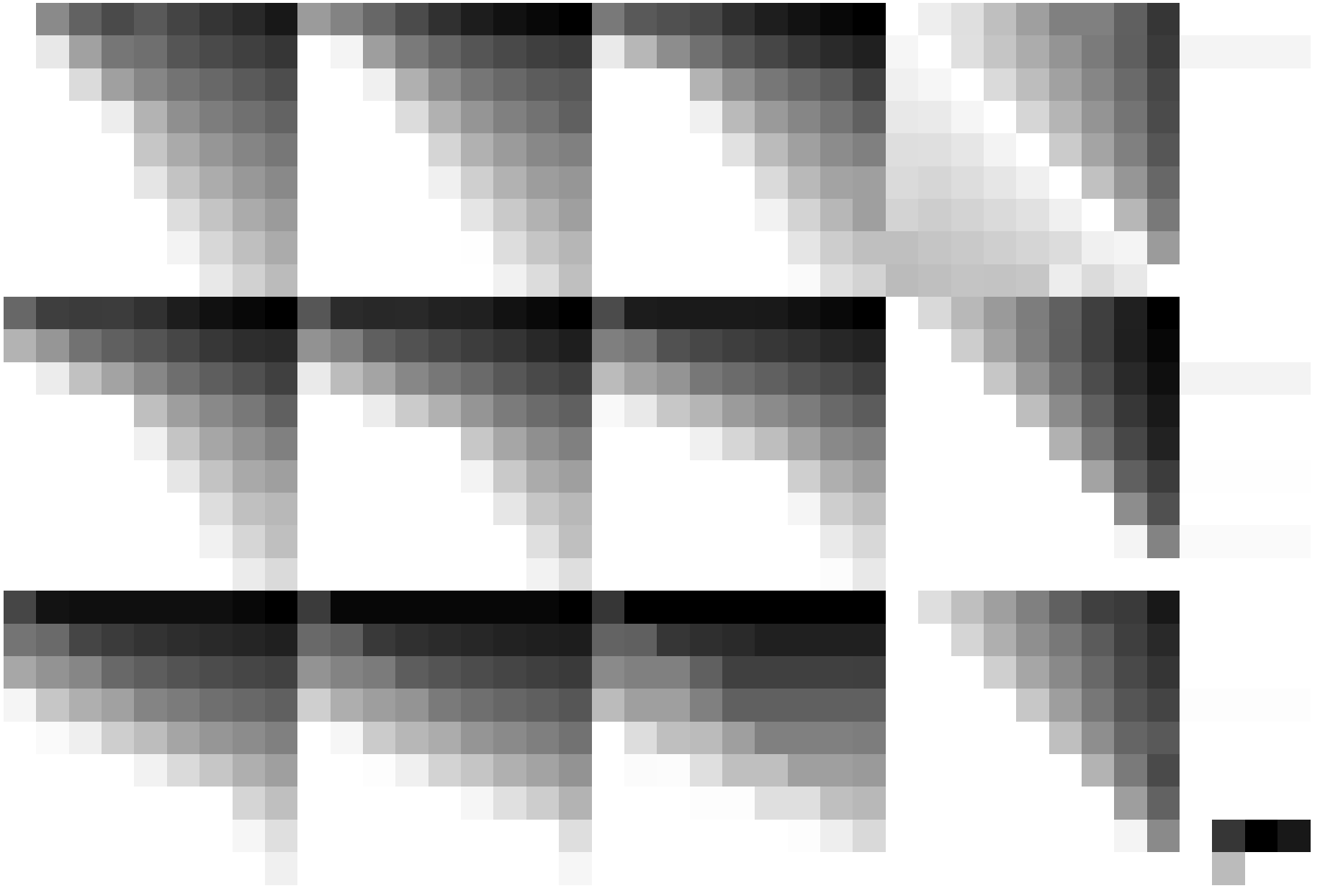


1−113330−L0 PE450−73

TUB-test chart PE45; standard test chart
1080 standard colours, 3D=1, de=1, *cmyk**

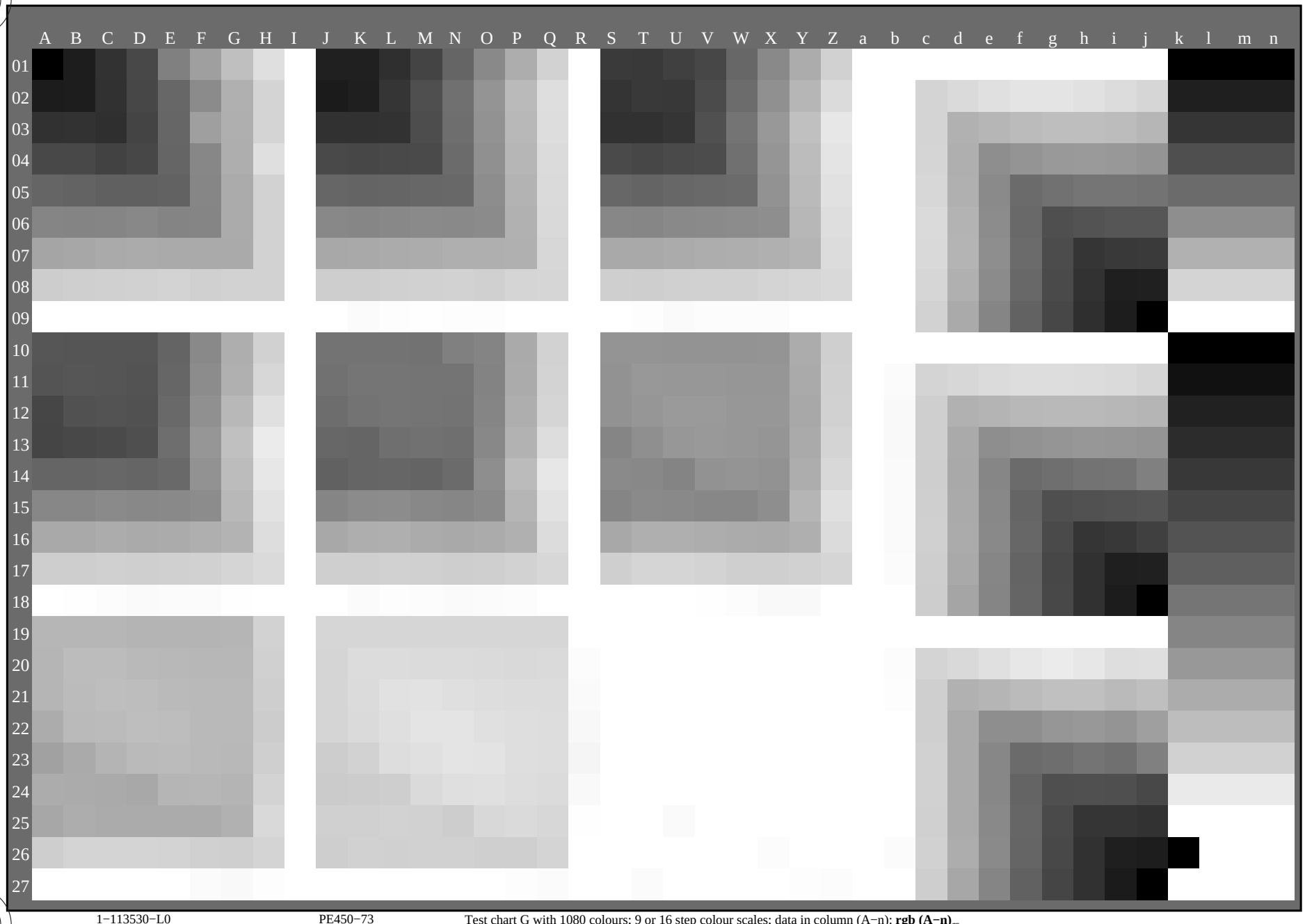
input: *rgb/cmyk −> rgb*$_{de}$
output: 3D-linearization to *cmyk**$_{de}$

1−113330−F0



TUB-test chart PE45; standard test chart
1080 standard colours, 3D=1, de=1, *cmyk**

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



see similar files: http://130.149.60.45/~farbmetrik/PE45/PE45.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20130201-PE45/PE45L0FA.TXT /.PS
application for measurement of offset print output, separation cmyn6* (CMYK)

TUB material: code=rha4ta

1−113530−L0 PE450−73 Test chart G with 1080 colours; 9 or 16 step colour scales; data in column (A−n): **rgb (A−n)**

TUB-test chart PE45; standard test chart
1080 standard colours, 3D=1, de=1, *cmyk**

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

1−113530−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

Mean color difference of this page: **delta**

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

Mean color difference of this page: **delta**

TUB-test chart PE45; standard test chart
colors and differences, $\Delta E'^*$, 3D=1, de=1, *cmyk**

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

1−113730−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	0_{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
1	1_{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
2	2_{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
3	3_{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
4	4_{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
5	5_{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
6	6_{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
7	7_{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
8	8_{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
9	9_{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	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	10_{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
11	11_{de}	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	12_{de}	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	13_{de}	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	14_{de}	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	15_{de}	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	16_{de}	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	17_{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
18	18_{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	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	19_{de}	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	20_{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
21	21_{de}	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	22_{de}	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	23_{de}	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	24_{de}	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	25_{de}	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	26_{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
27	27_{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	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	28_{de}	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	29_{de}	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	30_{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
31	31_{de}	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	32_{de}	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	33_{de}	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	34_{de}	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	35_{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
36	36_{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
37	37_{de}	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	38_{de}	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	39_{de}	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	40_{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
41	41_{de}	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	42_{de}	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	43_{de}	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	44_{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
45	45_{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	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	46_{de}	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	47_{de}	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	48_{de}	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	49_{de}	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	50_{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
51	51_{de}	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	52_{de}	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	53_{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
54	54_{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	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	55_{de}	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	56_{de}	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	57_{de}	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	58_{de}	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	59_{de}	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	60_{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
61	61_{de}	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	62_{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
63	63_{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	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	64_{de}	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	65_{de}	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	66_{de}	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	67_{de}	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	68_{de}	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	69_{de}	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	70_{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
71	71_{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
72	72_{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
73	73_{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
74	74_{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
75	75_{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
76	76_{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
77	77_{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
78	78_{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
79	79_{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
80	80_{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

Mean color difference of this page: **delta**

TUB-test chart PE45; standard test chart
colors and differences, ΔE'*, 3D=1, de=1, *cmyk**

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

1−113830−F0

n	HIC*$_{Fde}$	*rgb*$_{Fde}$			*ict*$_{Fde}$			h_{si_Fde}	*rgb**$_{Fde}$			*LabCh**$_{Fde}$				*cmyn**$_{sep,Fde}$				$h_{siM,de}$	*rgb**$_{Mde}$			*LabCh**$_{Mde}$			
81	81$_{de}$	0.125	0.0	0.0	0.125	0.125	0.062	390	0.125	0.0	0.026	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
82	82$_{de}$	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	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	83$_{de}$	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	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	84$_{de}$	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	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	85$_{de}$	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	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	86$_{de}$	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	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	87$_{de}$	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	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	88$_{de}$	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	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	89$_{de}$	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
90	90$_{de}$	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
91	91$_{de}$	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
92	92$_{de}$	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
93	93$_{de}$	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
94	94$_{de}$	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
95	95$_{de}$	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
96	96$_{de}$	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
97	97$_{de}$	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
98	98$_{de}$	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
99	99$_{de}$	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	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	100$_{de}$	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	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	101$_{de}$	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
102	102$_{de}$	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	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	103$_{de}$	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	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	104$_{de}$	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	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	105$_{de}$	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	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	106$_{de}$	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	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	107$_{de}$	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	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	108$_{de}$	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	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	109$_{de}$	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	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	110$_{de}$	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	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	111$_{de}$	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
112	112$_{de}$	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	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	113$_{de}$	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	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	114$_{de}$	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	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	115$_{de}$	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	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	116$_{de}$	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	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	117$_{de}$	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	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	118$_{de}$	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	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	119$_{de}$	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	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	120$_{de}$	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	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	121$_{de}$	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
122	122$_{de}$	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	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	123$_{de}$	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	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	124$_{de}$	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	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	125$_{de}$	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	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	126$_{de}$	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	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	127$_{de}$	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	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	128$_{de}$	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	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	129$_{de}$	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	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	130$_{de}$	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	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	131$_{de}$	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
132	132$_{de}$	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	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	133$_{de}$	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	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	134$_{de}$	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	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	135$_{de}$	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	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	136$_{de}$	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	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	137$_{de}$	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	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	138$_{de}$	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	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	139$_{de}$	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	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	140$_{de}$	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	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	141$_{de}$	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
142	142$_{de}$	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	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	143$_{de}$	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	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	144$_{de}$	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	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	145$_{de}$	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	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	146$_{de}$	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	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	147$_{de}$	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	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	148$_{de}$	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	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	149$_{de}$	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	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	150$_{de}$	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	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	151$_{de}$	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
152	152$_{de}$	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	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	153$_{de}$	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
154	154$_{de}$	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	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	155$_{de}$	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	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	156$_{de}$	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	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	157$_{de}$	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	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	158$_{de}$	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	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	159$_{de}$	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	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	160$_{de}$	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	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	161$_{de}$	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

Mean color difference of this page: **delta**

TUB-test chart PE45; standard test chart
colors and differences, $\Delta E'$*, 3D=1, de=1, *cmyk**

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

1−113930−F0

http://130.149.60.45/~farbmetrik/PE45/PE45L0FA.TXT /.PS; 3D-linearization
F: 3D-linearization PE45/PE45LE30FA.DAT in file (F), page 11/22

n	HIC^*_{Fde}	rgb_{Fde}			ict_{Fde}			$h_{si\_F,de}$	rgb^*_{Fde}			$LabCh^*_{Fde}$					$cmyn^*_{sep,Fde}$				$h_{siM,de}$	rgb^*_{Mde}			$LabCh^*_{Mde}$				
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

Mean color difference of this page: **delta**

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TUB-test chart PE45; standard test chart
colors and differences, $\Delta E'^*$, 3D=1, de=1, *cmyk**

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

1-1131030-F0

n	HIC*$_{Fde}$	*rgb*$_{Fde}$			*ict*$_{Fde}$			h_{si_Fde}
243	243$_{de}$	0.375	0.0	0.0	0.375	0.375	0.187	390
244	244$_{de}$	0.375	0.0	0.125	0.375	0.375	0.187	371
245	245$_{de}$	0.375	0.0	0.25	0.375	0.375	0.187	349
246	246$_{de}$	0.375	0.0	0.375	0.375	0.375	0.187	330
247	247$_{de}$	0.375	0.0	0.5	0.5	0.5	0.25	316
248	248$_{de}$	0.375	0.0	0.625	0.625	0.625	0.312	307
249	249$_{de}$	0.375	0.0	0.75	0.75	0.75	0.375	300
250	250$_{de}$	0.375	0.0	0.875	0.875	0.875	0.437	295
251	251$_{de}$	0.375	0.0	1.0	1.0	1.0	0.5	292
252	252$_{de}$	0.375	0.125	0.0	0.375	0.375	0.187	49
253	253$_{de}$	0.375	0.125	0.125	0.375	0.25	0.25	390
254	254$_{de}$	0.375	0.125	0.25	0.375	0.25	0.25	360
255	255$_{de}$	0.375	0.125	0.375	0.375	0.25	0.25	330
256	256$_{de}$	0.375	0.125	0.5	0.5	0.375	0.312	311
257	257$_{de}$	0.375	0.125	0.625	0.625	0.5	0.375	300
258	258$_{de}$	0.375	0.125	0.75	0.75	0.625	0.437	293
259	259$_{de}$	0.375	0.125	0.875	0.875	0.75	0.5	289
260	260$_{de}$	0.375	0.125	1.0	1.0	0.875	0.562	286
261	261$_{de}$	0.375	0.25	0.0	0.375	0.375	0.187	71
262	262$_{de}$	0.375	0.25	0.125	0.375	0.25	0.25	60
263	263$_{de}$	0.375	0.25	0.25	0.375	0.125	0.312	390
264	264$_{de}$	0.375	0.25	0.375	0.375	0.125	0.312	330
265	265$_{de}$	0.375	0.25	0.5	0.5	0.25	0.375	300
266	266$_{de}$	0.375	0.25	0.625	0.625	0.375	0.437	289
267	267$_{de}$	0.375	0.25	0.75	0.75	0.5	0.5	284
268	268$_{de}$	0.375	0.25	0.875	0.875	0.625	0.562	281
269	269$_{de}$	0.375	0.25	1.0	1.0	0.75	0.625	279
270	270$_{de}$	0.375	0.375	0.0	0.375	0.375	0.187	90
271	271$_{de}$	0.375	0.375	0.125	0.375	0.25	0.25	90
272	272$_{de}$	0.375	0.375	0.25	0.375	0.125	0.312	90
273	273$_{de}$	0.375	0.375	0.375	0.375	0.0	0.375	360
274	274$_{de}$	0.375	0.375	0.5	0.5	0.125	0.437	270
275	275$_{de}$	0.375	0.375	0.625	0.625	0.25	0.5	270
276	276$_{de}$	0.375	0.375	0.75	0.75	0.375	0.562	270
277	277$_{de}$	0.375	0.375	0.875	0.875	0.5	0.625	270
278	278$_{de}$	0.375	0.375	1.0	1.0	0.625	0.687	270
279	279$_{de}$	0.375	0.5	0.0	0.5	0.5	0.25	104
280	280$_{de}$	0.375	0.5	0.125	0.5	0.375	0.312	109
281	281$_{de}$	0.375	0.5	0.25	0.5	0.25	0.375	120
282	282$_{de}$	0.375	0.5	0.375	0.5	0.125	0.437	150
283	283$_{de}$	0.375	0.5	0.5	0.5	0.125	0.437	210
284	284$_{de}$	0.375	0.5	0.625	0.625	0.25	0.5	240
285	285$_{de}$	0.375	0.5	0.75	0.75	0.375	0.562	251
286	286$_{de}$	0.375	0.5	0.875	0.875	0.5	0.625	256
287	287$_{de}$	0.375	0.5	1.0	1.0	0.625	0.687	259
288	288$_{de}$	0.375	0.625	0.0	0.625	0.625	0.312	113
289	289$_{de}$	0.375	0.625	0.125	0.625	0.5	0.375	120
290	290$_{de}$	0.375	0.625	0.25	0.625	0.375	0.437	131
291	291$_{de}$	0.375	0.625	0.375	0.625	0.25	0.5	150
292	292$_{de}$	0.375	0.625	0.5	0.625	0.25	0.5	180
293	293$_{de}$	0.375	0.625	0.625	0.625	0.25	0.5	210
294	294$_{de}$	0.375	0.625	0.75	0.75	0.375	0.562	229
295	295$_{de}$	0.375	0.625	0.875	0.875	0.5	0.625	240
296	296$_{de}$	0.375	0.625	1.0	1.0	0.625	0.687	247
297	297$_{de}$	0.375	0.75	0.0	0.75	0.75	0.375	120
298	298$_{de}$	0.375	0.75	0.125	0.75	0.625	0.437	127
299	299$_{de}$	0.375	0.75	0.25	0.75	0.5	0.5	136
300	300$_{de}$	0.375	0.75	0.375	0.75	0.375	0.562	150
301	301$_{de}$	0.375	0.75	0.5	0.75	0.375	0.562	169
302	302$_{de}$	0.375	0.75	0.625	0.75	0.375	0.562	191
303	303$_{de}$	0.375	0.75	0.75	0.75	0.375	0.562	210
304	304$_{de}$	0.375	0.75	0.875	0.875	0.5	0.625	224
305	305$_{de}$	0.375	0.75	1.0	1.0	0.625	0.687	233
306	306$_{de}$	0.375	0.875	0.0	0.875	0.875	0.437	125
307	307$_{de}$	0.375	0.875	0.125	0.875	0.75	0.5	131
308	308$_{de}$	0.375	0.875	0.25	0.875	0.625	0.562	139
309	309$_{de}$	0.375	0.875	0.375	0.875	0.5	0.625	150
310	310$_{de}$	0.375	0.875	0.5	0.875	0.5	0.625	164
311	311$_{de}$	0.375	0.875	0.625	0.875	0.5	0.625	180
312	312$_{de}$	0.375	0.875	0.75	0.875	0.5	0.625	196
313	313$_{de}$	0.375	0.875	0.875	0.875	0.5	0.625	210
314	314$_{de}$	0.375	0.875	1.0	1.0	0.625	0.687	221
315	315$_{de}$	0.375	1.0	0.0	1.0	1.0	0.5	128
316	316$_{de}$	0.375	1.0	0.125	1.0	0.875	0.562	134
317	317$_{de}$	0.375	1.0	0.25	1.0	0.75	0.625	141
318	318$_{de}$	0.375	1.0	0.375	1.0	0.625	0.687	150
319	319$_{de}$	0.375	1.0	0.5	1.0	0.625	0.687	161
320	320$_{de}$	0.375	1.0	0.625	1.0	0.625	0.687	173
321	321$_{de}$	0.375	1.0	0.75	1.0	0.625	0.687	187
322	322$_{de}$	0.375	1.0	0.875	1.0	0.625	0.687	199
323	323$_{de}$	0.375	1.0	1.0	1.0	0.625	0.687	210

rgb$_{Fde}$			*LabCh*$_{Fde}$				
0.375	0.0	0.078	28.9	24.3	11.6	26.9	25.4
0.375	0.0	0.247	29.0	26.0	1.9	26.1	4.3
0.277	0.0	0.375	27.1	24.5	−5.8	25.2	346.6
0.152	0.0	0.375	24.1	18.4	−11.2	21.6	328.6
0.136	0.0	0.5	24.8	19.2	−19.0	27.0	315.3
0.078	0.0	0.625	24.9	19.9	−26.6	33.2	306.8
0.034	0.0	0.75	24.5	19.9	−34.3	39.7	300.1
0.0	0.017	0.875	24.8	19.7	−41.4	45.8	295.4
0.0	0.078	1.0	27.4	19.6	−47.2	51.1	292.5
0.375	0.077	0.0	31.4	18.0	19.1	26.3	46.6
0.375	0.124	0.177	34.9	16.2	7.7	17.9	25.4
0.362	0.124	0.375	34.8	17.8	−2.4	18.0	352.0
0.226	0.124	0.375	31.7	12.3	−7.5	14.4	328.6
0.201	0.124	0.5	32.3	13.0	−15.1	19.9	310.5
0.147	0.125	0.625	31.9	13.3	−22.9	26.4	300.1
0.125	0.162	0.75	33.1	12.8	−29.5	32.2	293.5
0.125	0.225	0.875	35.8	12.6	−35.2	37.4	289.7
0.125	0.277	1.0	38.6	12.4	−40.9	42.7	286.9
0.375	0.185	0.0	36.2	8.6	25.2	26.7	71.1
0.375	0.212	0.124	38.0	8.9	14.7	17.2	58.8
0.375	0.249	0.276	40.8	8.1	3.8	8.9	25.4
0.3	0.249	0.375	39.2	6.1	−3.7	7.2	328.6
0.261	0.249	0.5	39.4	6.6	−11.4	13.2	300.1
0.25	0.3	0.625	41.3	6.3	−17.6	18.7	289.7
0.25	0.35	0.75	44.0	6.2	−23.2	24.1	285.0
0.25	0.401	0.875	46.7	6.2	−28.8	29.4	282.1
0.25	0.45	1.0	49.3	6.2	−34.5	35.0	280.2
0.375	0.315	0.0	42.1	−1.3	32.9	32.9	92.3
0.375	0.335	0.124	43.7	−0.8	21.9	21.9	92.3
0.375	0.355	0.249	45.3	−0.4	10.9	10.9	92.3
0.375	0.375	0.375	46.8	0.0	0.0	0.0	0.0
0.375	0.421	0.5	49.4	0.1	−5.6	5.6	271.7
0.375	0.468	0.625	51.9	0.3	−11.3	11.3	271.7
0.375	0.515	0.75	54.4	0.5	−17.0	17.0	271.7
0.375	0.562	0.875	56.9	0.6	−22.7	22.7	271.7
0.375	0.609	1.0	59.5	0.8	−28.3	28.4	271.7
0.309	0.5	0.0	47.3	−12.7	37.9	40.0	108.6
0.318	0.5	0.124	48.3	−11.5	25.2	27.7	114.4
0.331	0.5	0.249	49.1	−10.3	13.6	17.0	127.2
0.375	0.5	0.386	51.2	−8.3	2.6	8.8	162.2
0.375	0.5	0.466	51.7	−4.9	−3.7	6.2	216.9
0.375	0.571	0.625	55.6	−5.2	−11.0	12.2	244.3
0.375	0.6	0.75	57.7	−4.6	−16.7	17.3	254.3
0.375	0.646	0.875	60.2	−4.3	−22.4	22.9	258.9
0.375	0.692	1.0	62.7	−4.1	−28.1	28.4	261.6
0.271	0.625	0.0	50.8	−21.5	38.6	44.2	119.1
0.288	0.625	0.125	51.4	−20.7	27.2	34.1	127.2
0.319	0.625	0.25	52.6	−19.4	16.2	25.3	140.0
0.375	0.625	0.398	55.5	−16.7	5.3	17.6	162.2
0.375	0.625	0.49	56.0	−13.3	−2.2	13.4	189.6
0.375	0.625	0.558	56.6	−9.9	−7.4	12.4	216.9
0.375	0.75	0.74	62.0	−11.4	−15.9	19.5	234.3
0.375	0.767	0.875	64.3	−10.5	−22.0	24.4	244.3
0.375	0.786	1.0	66.3	−9.6	−27.7	29.4	250.7
0.245	0.75	0.0	53.7	−31.0	40.8	51.2	127.2
0.277	0.75	0.125	54.3	−30.1	29.6	42.2	135.4
0.306	0.75	0.25	56.7	−28.1	19.0	34.0	145.9
0.375	0.75	0.409	59.8	−25.1	8.0	26.4	162.2
0.375	0.75	0.508	60.4	−21.6	0.1	21.6	179.5
0.375	0.75	0.585	60.9	−18.1	−6.4	19.2	199.6
0.375	0.75	0.65	61.4	−14.9	−11.2	18.6	216.9
0.375	0.875	0.829	66.9	−16.5	−19.5	25.6	229.7
0.375	0.966	1.0	71.4	−17.1	−27.4	32.3	237.9
0.235	0.875	0.0	56.5	−40.5	43.3	59.3	133.0
0.263	0.875	0.125	58.4	−38.8	32.4	50.6	140.0
0.299	0.875	0.25	60.7	−37.5	22.2	43.6	149.4
0.375	0.875	0.421	64.2	−33.5	10.7	35.2	162.2
0.375	0.875	0.524	64.8	−30.1	2.6	30.2	175.0
0.375	0.875	0.605	65.3	−26.6	−4.5	26.9	189.6
0.375	0.875	0.678	65.8	−23.0	−10.3	25.2	204.2
0.375	0.875	0.742	66.3	−19.8	−14.9	24.9	216.9
0.375	1.0	0.919	71.7	−21.5	−23.1	31.6	227.0
0.229	1.0	0.0	60.2	−49.1	46.4	67.6	136.5
0.246	1.0	0.125	62.5	−47.4	35.0	58.9	143.5
0.293	1.0	0.25	64.7	−46.9	25.2	53.3	151.7
0.375	1.0	0.433	68.5	−41.9	13.4	44.0	162.2
0.375	1.0	0.541	69.1	−38.4	5.2	38.7	172.2
0.375	1.0	0.622	69.6	−35.0	−1.9	35.1	183.2
0.375	1.0	0.702	70.2	−31.3	−8.9	32.5	195.9
0.375	1.0	0.771	70.7	−27.9	−14.2	31.3	206.9
0.375	1.0	0.834	71.2	−24.8	−18.7	31.1	216.9

cmyn$^{*}_{sep,Fde}$			
0.0	0.768	0.598	0.663
0.0	0.761	0.3	0.671
0.03	0.712	0.0	0.725
0.38	0.708	0.0	0.729
0.652	0.812	0.0	0.602
0.788	0.866	0.0	0.469
0.908	0.91	0.0	0.338
0.965	0.926	0.0	0.191
1.0	0.92	0.0	0.0
0.0	0.689	0.758	0.665
0.0	0.606	0.41	0.66
0.0	0.593	0.076	0.683
0.242	0.578	0.0	0.717
0.543	0.667	0.0	0.601
0.718	0.712	0.0	0.47
0.811	0.723	0.0	0.338
0.857	0.709	0.0	0.193
0.893	0.71	0.0	0.003
0.0	0.478	0.766	0.666
0.0	0.456	0.552	0.666
0.0	0.37	0.242	0.675
0.105	0.321	0.0	0.707
0.432	0.467	0.0	0.594
0.578	0.508	0.0	0.459
0.661	0.52	0.0	0.325
0.714	0.529	0.0	0.183
0.749	0.518	0.0	0.01
0.0	0.187	0.765	0.667
0.0	0.185	0.621	0.674
0.0	0.112	0.359	0.683
0.034	0.018	0.0	0.69
0.23	0.142	0.0	0.602
0.405	0.245	0.0	0.468
0.521	0.306	0.0	0.332
0.605	0.346	0.0	0.189
0.669	0.372	0.0	0.017
0.245	0.0	0.808	0.608
0.252	0.0	0.671	0.6
0.293	0.0	0.471	0.587
0.327	0.0	0.249	0.567
0.276	0.0	0.059	0.59
0.422	0.08	0.0	0.46
0.532	0.184	0.0	0.327
0.615	0.253	0.0	0.184
0.674	0.287	0.0	0.014
0.462	0.0	0.884	0.46
0.475	0.0	0.724	0.45
0.507	0.0	0.568	0.437
0.512	0.0	0.381	0.412
0.491	0.0	0.23	0.428
0.45	0.0	0.099	0.449
0.546	0.006	0.0	0.315
0.622	0.111	0.0	0.18
0.679	0.183	0.0	0.016
0.61	0.0	0.933	0.318
0.625	0.0	0.784	0.307
0.633	0.0	0.63	0.277
0.626	0.0	0.464	0.247
0.611	0.0	0.347	0.261
0.594	0.0	0.233	0.278
0.571	0.0	0.131	0.297
0.636	0.0	0.055	0.164
0.688	0.018	0.0	0.003
0.712	0.0	0.967	0.179
0.708	0.0	0.824	0.156
0.726	0.0	0.685	0.122
0.702	0.0	0.528	0.078
0.692	0.0	0.428	0.095
0.682	0.0	0.338	0.112
0.667	0.0	0.248	0.131
0.653	0.0	0.159	0.147
0.695	0.0	0.077	0.0
0.77	0.0	1.0	0.0
0.761	0.0	0.836	0.0
0.75	0.0	0.75	0.0
0.75	0.0	0.625	0.0
0.75	0.0	0.5	0.0
0.713	0.0	0.376	0.0
0.711	0.0	0.277	0.0
0.706	0.0	0.25	0.0
0.699	0.0	0.147	0.0

Mean color difference of this page: **delta**

$h_{siM,de}$	*rgb*$^{*}_{Mde}$			*LabCh*$^{*}_{Mde}$				
378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
349	1.0	0.0	0.66	48.0	69.4	5.2	69.6	4.3
315	0.739	0.0	1.0	42.9	65.4	−15.5	67.2	346.6
293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
285	0.273	0.0	1.0	31.9	38.4	−38.0	54.0	315.3
276	0.126	0.0	1.0	29.3	31.8	−42.5	53.1	306.8
272	0.045	0.0	1.0	26.7	26.6	−45.8	52.9	300.1
268	0.0	0.02	1.0	25.8	22.5	−47.3	52.4	295.4
265	0.0	0.078	1.0	27.4	19.6	−47.2	51.1	292.5
41	1.0	0.205	0.0	54.3	48.2	51.0	70.2	46.6
378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
327	0.948	0.0	1.0	47.3	71.5	−9.9	72.1	352.0
293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
281	0.205	0.0	1.0	30.7	34.6	−40.4	53.3	310.5
272	0.045	0.0	1.0	26.7	26.6	−45.8	52.9	300.1
266	0.0	0.059	1.0	26.8	20.5	−47.2	51.5	293.5
262	0.0	0.133	1.0	28.9	16.8	−46.9	49.8	289.7
260	0.0	0.174	1.0	30.4	14.2	−46.7	48.8	286.9
59	1.0	0.495	0.0	67.0	23.0	67.3	71.2	71.1
50	1.0	0.349	0.0	60.3	35.6	59.0	68.9	58.8
378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
272	0.045	0.0	1.0	26.7	26.6	−45.8	52.9	300.1
262	0.0	0.133	1.0	28.9	16.8	−46.9	49.8	289.7
259	0.0	0.201	1.0	31.5	12.4	−46.5	48.2	285.0
256	0.0	0.242	1.0	33.0	9.9	−46.1	47.1	282.1
255	0.0	0.267	1.0	33.9	8.3	−46.0	46.7	280.2
81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
112	0.619	1.0	0.0	76.9	−25.5	75.9	80.1	108.6
118	0.516	1.0	0.0	73.3	−30.6	67.4	74.1	114.4
131	0.326	1.0	0.0	65.8	−41.4	54.4	68.3	127.2
154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
221	0.0	0.784	1.0	52.7	−21.1	−44.1	48.9	244.3
233	0.0	0.601	1.0	46.8	−12.4	−44.6	46.3	254.3
237	0.0	0.543	1.0	44.5	−8.7	−44.9	45.8	258.9
239	0.0	0.508	1.0	43.1	−6.5	−45.0	45.5	261.6
124	0.433	1.0	0.0	70.7	−34.4	61.9	70.8	119.1
131	0.326	1.0	0.0	65.8	−41.4	54.4	68.3	127.2
140	0.184	1.0	0.0	59.0	−51.7	43.3	67.4	140.0
154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
177	0.0	1.0	0.46	54.6	−53.2	−9.0	53.9	189.6
195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
208	0.0	1.0	0.973	58.1	−30.4	−42.4	52.2	234.3
221	0.0	0.784	1.0	52.7	−21.1	−44.1	48.9	244.3
229	0.0	0.659	1.0	48.8	−15.5	−44.4	47.0	250.7
131	0.326	1.0	0.0	65.8	−41.4	54.4	68.3	127.2
136	0.243	1.0	0.0	60.7	−48.1	47.4	67.6	135.4
144	0.113	1.0	0.0	56.9	−56.3	38.1	68.0	145.9
154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
170	0.0	1.0	0.356	53.9	−57.8	0.4	57.8	179.5
184	0.0	1.0	0.561	55.3	−48.4	−17.2	51.3	199.6
195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
205	0.0	1.0	0.909	57.7	−33.0	−39.1	51.2	229.7
212	0.0	0.946	1.0	57.0	−27.4	−43.8	51.7	237.9
134	0.268	1.0	0.0	62.0	−46.3	49.5	67.8	133.0
140	0.184	1.0	0.0	59.0	−51.7	43.3	67.4	140.0
145	0.079	1.0	0.0	55.4	−60.1	35.5	69.8	149.4
154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
166	0.0	1.0	0.299	53.6	−60.2	5.2	60.4	175.0
177	0.0	1.0	0.46	54.6	−53.2	−9.0	53.9	189.6
187	0.0	1.0	0.607	55.6	−46.0	−20.7	50.5	204.2
195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
203	0.0	1.0	0.87	57.5	−34.5	−37.0	50.6	227.0
137	0.229	1.0	0.0	60.2	−49.1	46.4	67.6	136.5
142	0.139	1.0	0.0	57.8	−54.2	40.0	67.3	143.5
147	0.057	1.0	0.0	54.4	−62.6	33.6	71.1	151.7
154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
164	0.0	1.0	0.265	53.3	−61.4	8.3	62.0	172.2
173	0.0	1.0	0.396	54.2	−56.1	−3.1	56.2	183.2
181	0.0	1.0	0.524	55.0	−50.0	−14.3	52.1	195.9
188	0.0	1.0	0.635	55.9	−44.7	−22.7	50.1	206.9
195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9

TUB-test chart PE45; standard test chart
colors and differences, $\Delta E'^{*}$, 3D=1, de=1, *cmyk**

input: *rgb/cmyk* −> *rgb*$_{de}$
output: 3D-linearization to *cmyk*$^{*}_{de}$

n	HIC*$_{Fde}$	*rgb*$_{Fde}$			*ict*$_{Fde}$			h_{si_Fde}
324	324$_{de}$	0.5	0.0	0.0	0.5	0.5	0.25	390
325	325$_{de}$	0.5	0.0	0.125	0.5	0.5	0.25	376
326	326$_{de}$	0.5	0.0	0.25	0.5	0.5	0.25	360
327	327$_{de}$	0.5	0.0	0.375	0.5	0.5	0.25	344
328	328$_{de}$	0.5	0.0	0.5	0.5	0.5	0.25	330
329	329$_{de}$	0.5	0.0	0.625	0.625	0.625	0.312	319
330	330$_{de}$	0.5	0.0	0.75	0.75	0.75	0.375	311
331	331$_{de}$	0.5	0.0	0.875	0.875	0.875	0.437	305
332	332$_{de}$	0.5	0.0	1.0	1.0	1.0	0.5	300
333	333$_{de}$	0.5	0.125	0.0	0.5	0.5	0.25	44
334	334$_{de}$	0.5	0.125	0.125	0.5	0.375	0.312	390
335	335$_{de}$	0.5	0.125	0.25	0.5	0.375	0.312	371
336	336$_{de}$	0.5	0.125	0.375	0.5	0.375	0.312	349
337	337$_{de}$	0.5	0.125	0.5	0.5	0.375	0.312	330
338	338$_{de}$	0.5	0.125	0.625	0.625	0.5	0.375	316
339	339$_{de}$	0.5	0.125	0.75	0.75	0.625	0.437	307
340	340$_{de}$	0.5	0.125	0.875	0.875	0.75	0.5	300
341	341$_{de}$	0.5	0.125	1.0	1.0	0.875	0.562	295
342	342$_{de}$	0.5	0.25	0.0	0.5	0.5	0.25	60
343	343$_{de}$	0.5	0.25	0.125	0.5	0.375	0.312	49
344	344$_{de}$	0.5	0.25	0.25	0.5	0.25	0.375	390
345	345$_{de}$	0.5	0.25	0.375	0.5	0.25	0.375	360
346	346$_{de}$	0.5	0.25	0.5	0.5	0.25	0.375	330
347	347$_{de}$	0.5	0.25	0.625	0.625	0.375	0.437	311
348	348$_{de}$	0.5	0.25	0.75	0.75	0.5	0.5	300
349	349$_{de}$	0.5	0.25	0.875	0.875	0.625	0.562	293
350	350$_{de}$	0.5	0.25	1.0	1.0	0.75	0.625	289
351	351$_{de}$	0.5	0.375	0.0	0.5	0.5	0.25	76
352	352$_{de}$	0.5	0.375	0.125	0.5	0.375	0.312	71
353	353$_{de}$	0.5	0.375	0.25	0.5	0.25	0.375	60
354	354$_{de}$	0.5	0.375	0.375	0.5	0.125	0.437	390
355	355$_{de}$	0.5	0.375	0.5	0.5	0.125	0.437	330
356	356$_{de}$	0.5	0.375	0.625	0.625	0.25	0.5	300
357	357$_{de}$	0.5	0.375	0.75	0.75	0.375	0.562	289
358	358$_{de}$	0.5	0.375	0.875	0.875	0.5	0.625	284
359	359$_{de}$	0.5	0.375	1.0	1.0	0.625	0.687	281
360	360$_{de}$	0.5	0.5	0.0	0.5	0.5	0.25	90
361	361$_{de}$	0.5	0.5	0.125	0.5	0.375	0.312	90
362	362$_{de}$	0.5	0.5	0.25	0.5	0.25	0.375	90
363	363$_{de}$	0.5	0.5	0.375	0.5	0.125	0.437	90
364	364$_{de}$	0.5	0.5	0.5	0.5	0.0	0.5	360
365	365$_{de}$	0.5	0.5	0.625	0.625	0.125	0.562	270
366	366$_{de}$	0.5	0.5	0.75	0.75	0.25	0.625	270
367	367$_{de}$	0.5	0.5	0.875	0.875	0.375	0.687	270
368	368$_{de}$	0.5	0.5	1.0	1.0	0.5	0.75	270
369	369$_{de}$	0.5	0.625	0.0	0.625	0.625	0.312	101
370	370$_{de}$	0.5	0.625	0.125	0.625	0.5	0.375	104
371	371$_{de}$	0.5	0.625	0.25	0.625	0.375	0.437	109
372	372$_{de}$	0.5	0.625	0.375	0.625	0.25	0.5	120
373	373$_{de}$	0.5	0.625	0.5	0.625	0.125	0.562	150
374	374$_{de}$	0.5	0.625	0.625	0.625	0.125	0.562	210
375	375$_{de}$	0.5	0.625	0.75	0.75	0.25	0.625	240
376	376$_{de}$	0.5	0.625	0.875	0.875	0.375	0.687	251
377	377$_{de}$	0.5	0.625	1.0	1.0	0.5	0.75	256
378	378$_{de}$	0.5	0.75	0.0	0.75	0.75	0.375	109
379	379$_{de}$	0.5	0.75	0.125	0.75	0.625	0.437	113
380	380$_{de}$	0.5	0.75	0.25	0.75	0.5	0.5	120
381	381$_{de}$	0.5	0.75	0.375	0.75	0.375	0.562	131
382	382$_{de}$	0.5	0.75	0.5	0.75	0.25	0.625	150
383	383$_{de}$	0.5	0.75	0.625	0.75	0.25	0.625	180
384	384$_{de}$	0.5	0.75	0.75	0.75	0.25	0.625	210
385	385$_{de}$	0.5	0.75	0.875	0.875	0.375	0.687	229
386	386$_{de}$	0.5	0.75	1.0	1.0	0.5	0.75	240
387	387$_{de}$	0.5	0.875	0.0	0.875	0.875	0.437	115
388	388$_{de}$	0.5	0.875	0.125	0.875	0.75	0.5	120
389	389$_{de}$	0.5	0.875	0.25	0.875	0.625	0.562	127
390	390$_{de}$	0.5	0.875	0.375	0.875	0.5	0.625	136
391	391$_{de}$	0.5	0.875	0.5	0.875	0.375	0.687	150
392	392$_{de}$	0.5	0.875	0.625	0.875	0.375	0.687	169
393	393$_{de}$	0.5	0.875	0.75	0.875	0.375	0.687	191
394	394$_{de}$	0.5	0.875	0.875	0.875	0.375	0.687	210
395	395$_{de}$	0.5	0.875	1.0	1.0	0.5	0.75	224
396	396$_{de}$	0.5	1.0	0.0	1.0	1.0	0.5	120
397	397$_{de}$	0.5	1.0	0.125	1.0	0.875	0.562	125
398	398$_{de}$	0.5	1.0	0.25	1.0	0.75	0.625	131
399	399$_{de}$	0.5	1.0	0.375	1.0	0.625	0.687	139
400	400$_{de}$	0.5	1.0	0.5	1.0	0.5	0.75	150
401	401$_{de}$	0.5	1.0	0.625	1.0	0.5	0.75	164
402	402$_{de}$	0.5	1.0	0.75	1.0	0.5	0.75	180
403	403$_{de}$	0.5	1.0	0.875	1.0	0.5	0.75	196
404	404$_{de}$	0.5	1.0	1.0	1.0	0.5	0.75	210

rgb$_{Fde}$			*LabCh*$_{Fde}$				
0.5	0.0	0.104	32.6	32.4	15.4	35.9	25.4
0.5	0.0	0.269	32.7	34.0	5.9	34.6	9.8
0.474	0.0	0.5	32.5	35.7	−4.9	36.0	352.0
0.33	0.0	0.5	29.6	30.5	−9.9	32.1	341.8
0.203	0.0	0.5	26.2	24.6	−15.0	28.8	328.6
0.186	0.0	0.625	26.9	25.5	−22.8	34.2	318.1
0.153	0.0	0.75	27.5	26.0	−30.3	39.9	310.5
0.089	0.0	0.875	27.2	26.5	−38.1	46.4	304.9
0.045	0.0	1.0	26.7	26.6	−45.8	52.9	300.1
0.5	0.066	0.0	34.6	27.1	23.6	35.9	41.0
0.5	0.124	0.203	38.6	24.3	11.6	26.9	25.4
0.5	0.124	0.372	38.8	26.0	1.9	26.1	4.3
0.402	0.124	0.5	36.8	24.5	−5.8	25.2	346.6
0.277	0.124	0.5	33.8	18.4	−11.2	21.6	328.6
0.261	0.125	0.625	34.5	19.2	−19.0	27.0	315.3
0.203	0.125	0.75	34.7	19.9	−26.6	33.2	306.8
0.159	0.125	0.875	34.2	19.9	−34.3	39.7	300.1
0.125	0.142	1.0	34.5	19.7	−41.4	45.8	295.4
0.5	0.174	0.0	39.0	17.8	29.5	34.4	58.8
0.5	0.202	0.124	41.1	18.0	19.1	26.3	46.6
0.5	0.249	0.302	44.6	16.2	7.7	17.9	25.4
0.487	0.249	0.5	44.5	17.8	−2.4	18.0	352.0
0.351	0.249	0.5	41.4	12.3	−7.5	14.4	328.6
0.326	0.25	0.625	42.0	13.0	−15.1	19.9	310.5
0.272	0.25	0.75	41.6	13.3	−22.9	26.4	300.1
0.25	0.287	0.875	42.8	12.8	−29.5	32.2	293.5
0.25	0.35	1.0	45.5	12.6	−35.2	37.4	289.7
0.5	0.281	0.0	44.0	8.5	36.1	37.0	76.7
0.5	0.31	0.124	45.9	8.6	25.2	26.7	71.1
0.5	0.337	0.249	47.8	8.9	14.7	17.2	58.8
0.5	0.375	0.401	50.6	8.1	3.8	8.9	25.4
0.425	0.375	0.5	49.0	6.1	−3.7	7.2	328.6
0.386	0.375	0.625	49.1	6.6	−11.4	13.2	300.1
0.375	0.425	0.75	51.0	6.3	−17.6	18.7	289.7
0.375	0.475	0.875	53.7	6.2	−23.2	24.1	285.0
0.375	0.526	1.0	56.4	6.2	−28.8	29.4	282.1
0.5	0.42	0.0	50.3	−1.7	43.9	43.9	92.3
0.5	0.44	0.124	51.8	−1.3	32.9	32.9	92.3
0.5	0.46	0.249	53.4	−0.8	21.9	21.9	92.3
0.5	0.48	0.375	55.0	−0.4	10.9	10.9	92.3
0.5	0.5	0.5	56.5	0.0	0.0	0.0	0.0
0.5	0.546	0.625	59.1	0.1	−5.6	5.6	271.7
0.5	0.593	0.75	61.6	0.3	−11.3	11.3	271.7
0.5	0.64	0.875	64.1	0.5	−17.0	17.0	271.7
0.5	0.687	1.0	66.7	0.6	−22.7	22.7	271.7
0.44	0.625	0.0	57.1	−13.6	50.4	52.2	105.1
0.434	0.625	0.125	57.0	−12.7	37.9	40.0	108.6
0.443	0.625	0.25	58.0	−11.5	25.2	27.7	114.4
0.456	0.625	0.375	58.8	−10.3	13.6	17.0	127.2
0.5	0.625	0.511	60.9	−8.3	2.6	8.8	162.2
0.5	0.625	0.591	61.4	−4.9	−3.7	6.2	216.9
0.5	0.696	0.75	65.3	−5.2	−11.0	12.2	244.3
0.5	0.725	0.875	67.5	−4.6	−16.7	17.3	254.3
0.5	0.771	1.0	69.9	−4.3	−22.4	22.9	258.9
0.387	0.75	0.0	59.4	−23.0	50.5	55.5	114.4
0.396	0.75	0.125	60.5	−21.5	38.6	44.2	119.1
0.413	0.75	0.25	61.2	−20.7	27.2	34.1	127.2
0.444	0.75	0.375	62.3	−19.4	16.2	25.3	140.0
0.5	0.75	0.523	65.2	−16.7	5.3	17.6	162.2
0.5	0.75	0.615	65.8	−13.3	−2.2	13.4	189.6
0.5	0.75	0.683	66.3	−9.9	−7.4	12.4	216.9
0.5	0.875	0.865	71.7	−11.4	−15.9	19.5	234.3
0.5	0.892	1.0	74.1	−10.5	−22.0	24.4	244.3
0.343	0.875	0.0	62.9	−31.6	51.8	60.7	121.4
0.37	0.875	0.125	63.5	−31.0	40.8	51.2	127.2
0.402	0.875	0.25	64.0	−30.1	29.6	42.2	135.4
0.431	0.875	0.375	66.4	−28.1	19.0	34.0	145.9
0.5	0.875	0.534	69.6	−25.1	8.0	26.4	162.2
0.5	0.875	0.633	70.1	−21.6	0.1	21.6	179.5
0.5	0.875	0.71	70.7	−18.1	−6.4	19.2	199.6
0.5	0.875	0.775	71.2	−14.9	−11.2	18.6	216.9
0.5	1.0	0.954	76.6	−16.5	−19.5	25.6	229.7
0.326	1.0	0.0	65.8	−41.4	54.4	68.3	127.2
0.36	1.0	0.125	66.2	−40.5	43.3	59.3	133.0
0.388	1.0	0.25	68.1	−38.8	32.4	50.6	140.0
0.424	1.0	0.375	70.4	−37.5	22.2	43.6	149.4
0.5	1.0	0.546	73.9	−33.5	10.7	35.2	162.2
0.5	1.0	0.649	74.5	−30.1	2.6	30.2	175.0
0.5	1.0	0.73	75.0	−26.6	−4.5	26.9	189.6
0.5	1.0	0.803	75.5	−23.0	−10.3	25.2	204.2
0.5	1.0	0.867	76.0	−19.8	−14.9	24.9	216.9

cmyn$^{*}_{sep,Fde}$				$h_{siM,de}$
0.0	0.843	0.663	0.548	378
0.0	0.84	0.426	0.554	357
0.0	0.829	0.08	0.574	327
0.209	0.815	0.0	0.597	310
0.477	0.802	0.0	0.617	293
0.64	0.877	0.0	0.478	286
0.762	0.915	0.0	0.341	281
0.872	0.954	0.0	0.187	275
0.954	1.0	0.0	0.0	272
0.0	0.777	0.831	0.548	37
0.0	0.691	0.497	0.539	378
0.0	0.689	0.263	0.548	349
0.022	0.663	0.0	0.603	315
0.343	0.691	0.0	0.602	293
0.533	0.736	0.0	0.453	285
0.679	0.78	0.0	0.317	276
0.809	0.808	0.0	0.189	272
0.888	0.824	0.0	0.016	268
0.0	0.607	0.842	0.549	50
0.0	0.601	0.628	0.54	41
0.0	0.524	0.354	0.54	378
0.0	0.508	0.074	0.564	327
0.199	0.487	0.0	0.598	293
0.448	0.574	0.0	0.45	281
0.614	0.636	0.0	0.314	272
0.706	0.639	0.0	0.181	266
0.74	0.619	0.0	0.005	262
0.0	0.457	0.841	0.553	64
0.0	0.428	0.677	0.546	59
0.0	0.401	0.471	0.546	50
0.0	0.318	0.203	0.557	378
0.073	0.255	0.0	0.609	293
0.373	0.386	0.0	0.464	272
0.511	0.426	0.0	0.327	262
0.599	0.443	0.0	0.184	259
0.665	0.442	0.0	0.012	256
0.0	0.216	0.867	0.5	81
0.0	0.199	0.723	0.547	81
0.0	0.166	0.532	0.548	81
0.0	0.104	0.307	0.563	81
0.026	0.01	0.0	0.581	360
0.209	0.115	0.0	0.472	248
0.37	0.203	0.0	0.339	248
0.488	0.261	0.0	0.193	248
0.564	0.293	0.0	0.021	248
0.209	0.0	0.875	0.481	106
0.231	0.0	0.76	0.486	112
0.241	0.0	0.585	0.476	118
0.282	0.0	0.417	0.464	131
0.312	0.0	0.218	0.441	154
0.259	0.0	0.049	0.46	195
0.395	0.068	0.0	0.329	221
0.501	0.155	0.0	0.188	233
0.575	0.205	0.0	0.016	237
0.448	0.0	0.928	0.334	118
0.439	0.0	0.794	0.328	124
0.457	0.0	0.658	0.317	131
0.483	0.0	0.516	0.3	140
0.486	0.0	0.349	0.268	154
0.464	0.0	0.212	0.288	177
0.431	0.0	0.097	0.31	195
0.521	0.0	0.001	0.177	208
0.586	0.087	0.0	0.012	221
0.566	0.0	0.964	0.177	127
0.576	0.0	0.843	0.17	131
0.596	0.0	0.714	0.163	136
0.604	0.0	0.582	0.135	144
0.599	0.0	0.438	0.094	154
0.587	0.0	0.331	0.113	170
0.571	0.0	0.223	0.135	184
0.549	0.0	0.126	0.155	195
0.607	0.0	0.05	0.0	205
0.672	0.0	1.0	0.0	131
0.676	0.0	0.882	0.0	134
0.666	0.0	0.749	0.0	140
0.663	0.0	0.623	0.0	145
0.634	0.0	0.498	0.0	154
0.63	0.0	0.376	0.0	166
0.623	0.0	0.276	0.0	177
0.627	0.0	0.25	0.0	187
0.618	0.0	0.13	0.0	195

Mean color difference of this page: **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	0.538	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
0.102	0.0	1.0	28.6	30.3	−43.5	53.1	304.9
0.045	0.0	1.0	26.7	26.6	−45.8	52.9	300.1
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
0.045	0.0	1.0	26.7	26.6	−45.8	52.9	300.1
0.0	0.02	1.0	25.8	22.5	−47.3	52.4	295.4
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
0.0	0.059	1.0	26.8	20.5	−47.2	51.5	293.5
0.0	0.133	1.0	28.9	16.8	−46.9	49.8	289.7
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
0.0	0.201	1.0	31.5	12.4	−46.5	48.2	285.0
0.0	0.242	1.0	33.0	9.9	−46.1	47.1	282.1
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
0.0	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
0.705	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
0.0	0.601	1.0	46.8	−12.4	−44.6	46.3	254.3
0.0	0.543	1.0	44.5	−8.7	−44.9	45.8	258.9
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
0.0	1.0	0.973	58.1	−30.4	−42.4	52.2	234.3
0.0	0.784	1.0	52.7	−21.1	−44.1	48.9	244.3
0.392	1.0	0.0	69.4	−36.2	59.2	69.4	121.4
0.326	1.0	0.0	65.8	−41.4	54.4	68.3	127.2
0.243	1.0	0.0	60.7	−48.1	47.4	67.6	135.4
0.113	1.0	0.0	56.9	−56.3	38.1	68.0	145.9
0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
0.0	1.0	0.356	53.9	−57.8	0.4	57.8	179.5
0.0	1.0	0.561	55.3	−48.4	−17.2	51.3	199.6
0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
0.0	1.0	0.909	57.7	−33.0	−39.1	51.2	229.7
0.326	1.0	0.0	65.8	−41.4	54.4	68.3	127.2
0.268	1.0	0.0	62.0	−46.3	49.5	67.8	133.0
0.184	1.0	0.0	59.0	−51.7	43.3	67.4	140.0
0.079	1.0	0.0	55.4	−60.1	35.5	69.8	149.4
0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
0.0	1.0	0.299	53.6	−60.2	5.2	60.4	175.0
0.0	1.0	0.46	54.6	−53.2	−9.0	53.9	189.6
0.0	1.0	0.607	55.6	−46.0	−20.7	50.5	204.2
0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9

TUB-test chart PE45; standard test chart
colors and differences, $\Delta E'^{*}$, 3D=1, de=1, *cmyk**

input: *rgb/cmyk* −> *rgb*$_{de}$
output: 3D-linearization to *cmyk*$^{*}_{de}$

n	HIC*$_{Fde}$	*rgb*$_{Fde}$			*ict*$_{Fde}$			h_{si_Fde}
405	405$_{de}$	0.625	0.0	0.0	0.625	0.625	0.312	390
406	406$_{de}$	0.625	0.0	0.125	0.625	0.625	0.312	379
407	407$_{de}$	0.625	0.0	0.25	0.625	0.625	0.312	367
408	408$_{de}$	0.625	0.0	0.375	0.625	0.625	0.312	353
409	409$_{de}$	0.625	0.0	0.5	0.625	0.625	0.312	341
410	410$_{de}$	0.625	0.0	0.625	0.625	0.625	0.312	330
411	411$_{de}$	0.625	0.0	0.75	0.75	0.75	0.375	321
412	412$_{de}$	0.625	0.0	0.875	0.875	0.875	0.437	314
413	413$_{de}$	0.625	0.0	1.0	1.0	1.0	0.5	308
414	414$_{de}$	0.625	0.125	0.0	0.625	0.625	0.312	41
415	415$_{de}$	0.625	0.125	0.125	0.625	0.5	0.375	390
416	416$_{de}$	0.625	0.125	0.25	0.625	0.5	0.375	376
417	417$_{de}$	0.625	0.125	0.375	0.625	0.5	0.375	360
418	418$_{de}$	0.625	0.125	0.5	0.625	0.5	0.375	344
419	419$_{de}$	0.625	0.125	0.625	0.625	0.5	0.375	330
420	420$_{de}$	0.625	0.125	0.75	0.75	0.625	0.437	319
421	421$_{de}$	0.625	0.125	0.875	0.875	0.75	0.5	311
422	422$_{de}$	0.625	0.125	1.0	1.0	0.875	0.562	305
423	423$_{de}$	0.625	0.25	0.0	0.625	0.625	0.312	53
424	424$_{de}$	0.625	0.25	0.125	0.625	0.5	0.375	44
425	425$_{de}$	0.625	0.25	0.25	0.625	0.375	0.437	390
426	426$_{de}$	0.625	0.25	0.375	0.625	0.375	0.437	371
427	427$_{de}$	0.625	0.25	0.5	0.625	0.375	0.437	349
428	428$_{de}$	0.625	0.25	0.625	0.625	0.375	0.437	330
429	429$_{de}$	0.625	0.25	0.75	0.75	0.5	0.5	316
430	430$_{de}$	0.625	0.25	0.875	0.875	0.625	0.562	307
431	431$_{de}$	0.625	0.25	1.0	1.0	0.75	0.625	300
432	432$_{de}$	0.625	0.375	0.0	0.625	0.625	0.312	67
433	433$_{de}$	0.625	0.375	0.125	0.625	0.5	0.375	60
434	434$_{de}$	0.625	0.375	0.25	0.625	0.375	0.437	49
435	435$_{de}$	0.625	0.375	0.375	0.625	0.25	0.5	390
436	436$_{de}$	0.625	0.375	0.5	0.625	0.25	0.5	360
437	437$_{de}$	0.625	0.375	0.625	0.625	0.25	0.5	330
438	438$_{de}$	0.625	0.375	0.75	0.75	0.375	0.562	311
439	439$_{de}$	0.625	0.375	0.875	0.875	0.5	0.625	300
440	440$_{de}$	0.625	0.375	1.0	1.0	0.625	0.687	293
441	441$_{de}$	0.625	0.5	0.0	0.625	0.625	0.312	79
442	442$_{de}$	0.625	0.5	0.125	0.625	0.5	0.375	76
443	443$_{de}$	0.625	0.5	0.25	0.625	0.375	0.437	71
444	444$_{de}$	0.625	0.5	0.375	0.625	0.25	0.5	60
445	445$_{de}$	0.625	0.5	0.5	0.625	0.125	0.562	390
446	446$_{de}$	0.625	0.5	0.625	0.625	0.125	0.562	330
447	447$_{de}$	0.625	0.5	0.75	0.75	0.25	0.625	300
448	448$_{de}$	0.625	0.5	0.875	0.875	0.375	0.687	289
449	449$_{de}$	0.625	0.5	1.0	1.0	0.5	0.75	284
450	450$_{de}$	0.625	0.625	0.0	0.625	0.625	0.312	90
451	451$_{de}$	0.625	0.625	0.125	0.625	0.5	0.375	90
452	452$_{de}$	0.625	0.625	0.25	0.625	0.375	0.437	90
453	453$_{de}$	0.625	0.625	0.375	0.625	0.25	0.5	90
454	454$_{de}$	0.625	0.625	0.5	0.625	0.125	0.562	90
455	455$_{de}$	0.625	0.625	0.625	0.625	0.0	0.625	360
456	456$_{de}$	0.625	0.625	0.75	0.75	0.125	0.687	270
457	457$_{de}$	0.625	0.625	0.875	0.875	0.25	0.75	270
458	458$_{de}$	0.625	0.625	1.0	1.0	0.375	0.812	270
459	459$_{de}$	0.625	0.75	0.0	0.75	0.75	0.375	99
460	460$_{de}$	0.625	0.75	0.125	0.75	0.625	0.437	101
461	461$_{de}$	0.625	0.75	0.25	0.75	0.5	0.5	104
462	462$_{de}$	0.625	0.75	0.375	0.75	0.375	0.562	109
463	463$_{de}$	0.625	0.75	0.5	0.75	0.25	0.625	120
464	464$_{de}$	0.625	0.75	0.625	0.75	0.125	0.687	150
465	465$_{de}$	0.625	0.75	0.75	0.75	0.125	0.687	210
466	466$_{de}$	0.625	0.75	0.875	0.875	0.25	0.75	240
467	467$_{de}$	0.625	0.75	1.0	1.0	0.375	0.812	251
468	468$_{de}$	0.625	0.875	0.0	0.875	0.875	0.437	106
469	469$_{de}$	0.625	0.875	0.125	0.875	0.75	0.5	109
470	470$_{de}$	0.625	0.875	0.25	0.875	0.625	0.562	113
471	471$_{de}$	0.625	0.875	0.375	0.875	0.5	0.625	120
472	472$_{de}$	0.625	0.875	0.5	0.875	0.375	0.687	131
473	473$_{de}$	0.625	0.875	0.625	0.875	0.25	0.75	150
474	474$_{de}$	0.625	0.875	0.75	0.875	0.25	0.75	180
475	475$_{de}$	0.625	0.875	0.875	0.875	0.25	0.75	210
476	476$_{de}$	0.625	0.875	1.0	1.0	0.375	0.812	229
477	477$_{de}$	0.625	1.0	0.0	1.0	1.0	0.5	112
478	478$_{de}$	0.625	1.0	0.125	1.0	0.875	0.562	115
479	479$_{de}$	0.625	1.0	0.25	1.0	0.75	0.625	120
480	480$_{de}$	0.625	1.0	0.375	1.0	0.625	0.687	127
481	481$_{de}$	0.625	1.0	0.5	1.0	0.5	0.75	136
482	482$_{de}$	0.625	1.0	0.625	1.0	0.375	0.812	150
483	483$_{de}$	0.625	1.0	0.75	1.0	0.375	0.812	169
484	484$_{de}$	0.625	1.0	0.875	1.0	0.375	0.812	191
485	485$_{de}$	0.625	1.0	1.0	1.0	0.375	0.812	210

rgb$^*_{Fde}$			*LabCh*$^*_{Fde}$				
0.625	0.0	0.13	36.4	40.5	19.3	44.9	25.4
0.625	0.0	0.294	36.4	42.1	9.9	43.2	13.2
0.625	0.0	0.478	36.7	44.1	−0.1	44.1	359.8
0.55	0.0	0.625	35.4	43.5	−7.3	44.1	350.4
0.382	0.0	0.625	32.0	36.4	−13.9	39.0	339.0
0.254	0.0	0.625	28.4	30.8	−18.7	36.0	328.6
0.236	0.0	0.75	28.9	31.7	−26.6	41.4	320.0
0.224	0.0	0.875	29.9	32.2	−34.0	46.8	313.4
0.146	0.0	1.0	29.7	32.5	−42.0	53.2	307.7
0.625	0.05	0.0	37.7	36.3	28.1	45.9	37.7
0.625	0.125	0.229	42.3	32.4	15.4	35.9	25.4
0.625	0.125	0.394	42.4	34.0	5.9	34.6	9.8
0.599	0.125	0.625	42.2	35.7	−4.9	36.0	352.0
0.455	0.125	0.625	39.3	30.5	−9.9	32.1	341.8
0.328	0.125	0.625	36.0	24.6	−15.0	28.8	328.6
0.311	0.125	0.75	36.6	25.5	−22.8	34.2	318.1
0.278	0.125	0.875	37.2	26.0	−30.3	39.9	310.5
0.214	0.125	1.0	36.9	26.5	−38.1	46.4	304.9
0.625	0.163	0.0	41.9	27.1	33.6	43.2	51.0
0.625	0.191	0.125	44.3	27.1	23.6	35.9	41.0
0.625	0.25	0.328	48.3	24.3	11.6	26.9	25.4
0.625	0.25	0.497	48.5	26.0	1.9	26.1	4.3
0.527	0.25	0.625	46.6	24.5	−5.8	25.2	346.6
0.402	0.25	0.625	43.5	18.4	−11.2	21.6	328.6
0.386	0.25	0.75	44.2	19.2	−19.0	27.0	315.3
0.328	0.25	0.875	44.4	19.9	−26.6	33.2	306.8
0.284	0.25	1.0	43.9	19.9	−34.3	39.7	300.1
0.625	0.276	0.0	46.9	17.3	40.2	43.8	66.6
0.625	0.299	0.125	48.7	17.8	29.5	34.4	58.8
0.625	0.327	0.25	50.8	18.0	19.1	26.3	46.6
0.625	0.375	0.427	54.3	16.2	7.7	17.9	25.4
0.612	0.375	0.625	54.2	17.8	−2.4	18.0	352.0
0.476	0.375	0.625	51.1	12.3	−7.5	14.4	328.6
0.451	0.375	0.75	51.7	13.0	−15.1	19.9	310.5
0.397	0.375	0.875	51.4	13.3	−22.9	26.4	300.1
0.375	0.412	1.0	52.6	12.8	−29.5	32.2	293.5
0.625	0.377	0.0	52.0	8.2	46.8	47.5	80.0
0.625	0.406	0.125	53.8	8.5	36.1	37.0	76.7
0.625	0.435	0.25	55.6	8.6	25.2	26.7	71.1
0.625	0.462	0.375	57.5	8.9	14.7	17.2	58.8
0.625	0.5	0.526	60.3	8.1	3.8	8.9	25.4
0.55	0.5	0.625	58.7	6.1	−3.7	7.2	328.6
0.511	0.5	0.75	58.8	6.6	−11.4	13.2	300.1
0.5	0.55	0.875	60.8	6.3	−17.6	18.7	289.7
0.5	0.6	1.0	63.4	6.2	−23.2	24.1	285.0
0.625	0.526	0.0	58.4	−2.2	54.8	54.9	92.3
0.625	0.545	0.125	60.0	−1.7	43.9	43.9	92.3
0.625	0.565	0.25	61.6	−1.3	32.9	32.9	92.3
0.625	0.585	0.375	63.1	−0.8	21.9	21.9	92.3
0.625	0.605	0.5	64.7	−0.4	10.9	10.9	92.3
0.625	0.625	0.625	66.3	0.0	0.0	0.0	0.0
0.625	0.671	0.75	68.8	0.1	−5.6	5.6	271.7
0.625	0.718	0.875	71.3	0.3	−11.3	11.3	271.7
0.625	0.765	1.0	73.8	0.5	−17.0	17.0	271.7
0.58	0.75	0.0	67.0	−14.3	63.0	64.6	102.7
0.565	0.75	0.125	66.9	−13.6	50.4	52.2	105.1
0.559	0.75	0.25	66.7	−12.7	37.9	40.0	108.6
0.568	0.75	0.375	67.7	−11.5	25.2	27.7	114.4
0.581	0.75	0.5	68.6	−10.3	13.6	17.0	127.2
0.625	0.75	0.636	70.6	−8.3	2.6	8.8	162.2
0.625	0.75	0.716	71.1	−4.9	−3.7	6.2	216.9
0.625	0.821	0.875	75.0	−5.2	−11.0	12.2	244.3
0.625	0.85	1.0	77.2	−4.6	−16.7	17.3	254.3
0.506	0.875	0.0	68.2	−24.3	63.5	68.0	110.9
0.512	0.875	0.125	69.1	−23.0	50.5	55.5	114.4
0.521	0.875	0.25	70.2	−21.5	38.6	44.2	119.1
0.538	0.875	0.375	70.9	−20.7	27.2	34.1	127.2
0.569	0.875	0.5	72.0	−19.4	16.2	25.3	140.0
0.625	0.875	0.648	74.9	−16.7	5.3	17.6	162.2
0.625	0.875	0.74	75.5	−13.3	−2.2	13.4	189.6
0.625	0.875	0.808	76.0	−9.9	−7.4	12.4	216.9
0.625	1.0	0.99	81.4	−11.4	−15.9	19.5	234.3
0.454	1.0	0.0	71.3	−33.5	63.2	71.5	117.9
0.468	1.0	0.125	72.7	−31.6	51.8	60.7	121.4
0.495	1.0	0.25	73.2	−31.0	40.8	51.2	127.2
0.527	1.0	0.375	73.7	−30.1	29.6	42.2	135.4
0.556	1.0	0.5	76.1	−28.1	19.0	34.0	145.9
0.625	1.0	0.659	79.3	−25.1	8.0	26.4	162.2
0.625	1.0	0.758	79.9	−21.6	0.1	21.6	179.5
0.625	1.0	0.835	80.4	−18.1	−6.4	19.2	199.6
0.625	1.0	0.9	80.9	−14.9	−11.2	18.6	216.9

cmyn$^*_{sep,Fde}$			
0.0	0.9	0.704	0.419
0.0	0.898	0.502	0.425
0.0	0.894	0.265	0.429
0.0	0.876	0.023	0.479
0.319	0.879	0.0	0.457
0.454	0.876	0.0	0.479
0.628	0.926	0.0	0.341
0.741	0.959	0.0	0.188
0.853	1.0	0.0	0.0
0.0	0.853	0.89	0.42
0.0	0.76	0.546	0.403
0.0	0.763	0.362	0.412
0.0	0.756	0.085	0.438
0.172	0.735	0.0	0.465
0.389	0.745	0.0	0.458
0.55	0.793	0.0	0.311
0.661	0.818	0.0	0.166
0.746	0.848	0.0	0.0
0.0	0.712	0.898	0.424
0.0	0.699	0.68	0.406
0.0	0.623	0.418	0.396
0.0	0.622	0.22	0.407
0.0	0.586	0.0	0.483
0.3	0.584	0.0	0.463
0.487	0.643	0.0	0.312
0.615	0.68	0.0	0.164
0.707	0.7	0.0	0.0
0.0	0.571	0.898	0.424
0.0	0.556	0.72	0.407
0.0	0.543	0.535	0.395
0.0	0.47	0.289	0.399
0.0	0.456	0.057	0.426
0.176	0.415	0.0	0.471
0.416	0.491	0.0	0.32
0.57	0.541	0.0	0.173
0.66	0.536	0.0	0.002
0.0	0.426	0.899	0.423
0.0	0.402	0.754	0.41
0.0	0.376	0.578	0.407
0.0	0.354	0.39	0.406
0.0	0.279	0.161	0.419
0.061	0.223	0.0	0.469
0.332	0.331	0.0	0.33
0.474	0.372	0.0	0.187
0.553	0.383	0.0	0.011
0.0	0.22	0.9	0.418
0.0	0.198	0.782	0.411
0.0	0.175	0.622	0.408
0.0	0.143	0.453	0.413
0.0	0.088	0.254	0.428
0.02	0.01	0.0	0.443
0.178	0.102	0.0	0.332
0.322	0.171	0.0	0.19
0.419	0.213	0.0	0.024
0.157	0.0	0.931	0.323
0.169	0.0	0.811	0.332
0.189	0.0	0.674	0.34
0.205	0.0	0.515	0.333
0.245	0.0	0.359	0.319
0.274	0.0	0.188	0.292
0.232	0.0	0.039	0.312
0.346	0.057	0.0	0.179
0.433	0.127	0.0	0.023
0.414	0.0	0.965	0.188
0.403	0.0	0.849	0.184
0.391	0.0	0.71	0.178
0.417	0.0	0.589	0.168
0.442	0.0	0.464	0.151
0.435	0.0	0.312	0.12
0.414	0.0	0.191	0.141
0.381	0.0	0.083	0.165
0.458	0.0	0.012	0.0
0.544	0.0	1.0	0.0
0.513	0.0	0.869	0.0
0.519	0.0	0.758	0.0
0.541	0.0	0.639	0.0
0.524	0.0	0.498	0.0
0.5	0.0	0.375	0.0
0.483	0.0	0.25	0.0
0.484	0.0	0.152	0.0
0.475	0.0	0.089	0.0

Mean color difference of this page: **delta**

$h_{siM,de}$	*rgb*$^*_{Mde}$			*LabCh*$^*_{Mde}$				
378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
361	1.0	0.0	0.47	47.7	67.4	15.8	69.2	13.2
342	1.0	0.0	0.765	48.1	70.6	−0.1	70.6	359.8
323	0.881	0.0	1.0	46.0	69.6	−11.7	70.6	350.4
307	0.611	0.0	1.0	40.6	58.3	−22.3	62.4	339.0
293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
287	0.315	0.0	1.0	32.7	42.3	−35.4	55.2	320.0
284	0.256	0.0	1.0	31.6	36.8	−38.9	53.5	313.4
277	0.146	0.0	1.0	29.7	32.5	−42.0	53.2	307.7
34	1.0	0.08	0.0	49.8	58.1	44.9	73.5	37.7
378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
357	1.0	0.0	0.538	47.8	68.1	11.8	69.2	9.8
327	0.948	0.0	1.0	47.3	71.5	−9.9	72.1	352.0
310	0.661	0.0	1.0	41.6	61.0	−19.9	64.2	341.8
293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
286	0.298	0.0	1.0	32.4	40.8	−36.5	54.7	318.1
281	0.205	0.0	1.0	30.7	34.6	−40.4	53.3	310.5
275	0.102	0.0	1.0	28.6	30.3	−43.5	53.1	304.9
44	1.0	0.262	0.0	56.5	43.4	53.8	69.1	51.0
37	1.0	0.133	0.0	51.5	54.2	47.2	71.9	41.0
378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
349	1.0	0.0	0.66	48.0	69.4	5.2	69.6	4.3
315	0.739	0.0	1.0	42.9	65.4	−15.5	67.2	346.6
293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
285	0.273	0.0	1.0	31.9	38.4	−38.0	54.0	315.3
276	0.126	0.0	1.0	29.3	31.8	−42.5	53.1	306.8
272	0.045	0.0	1.0	26.7	26.6	−45.8	52.9	300.1
56	1.0	0.441	0.0	64.5	27.7	64.4	70.1	66.6
50	1.0	0.349	0.0	60.3	35.6	59.0	68.9	58.8
41	1.0	0.205	0.0	54.3	48.2	51.0	70.2	46.6
378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
327	0.948	0.0	1.0	47.3	71.5	−9.9	72.1	352.0
293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
281	0.205	0.0	1.0	30.7	34.6	−40.4	53.3	310.5
272	0.045	0.0	1.0	26.7	26.6	−45.8	52.9	300.1
266	0.0	0.059	1.0	26.8	20.5	−47.2	51.5	293.5
66	1.0	0.604	0.0	72.5	13.1	74.9	76.0	80.0
64	1.0	0.563	0.0	70.4	17.0	72.2	74.1	76.7
59	1.0	0.495	0.0	67.0	23.0	67.3	71.2	71.1
50	1.0	0.349	0.0	60.3	35.6	59.0	68.9	58.8
378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
272	0.045	0.0	1.0	26.7	26.6	−45.8	52.9	300.1
262	0.0	0.133	1.0	28.9	16.8	−46.9	49.8	289.7
259	0.0	0.201	1.0	31.5	12.4	−46.5	48.2	285.0
81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
102	0.773	1.0	0.0	83.5	−19.1	84.0	86.2	102.7
106	0.705	1.0	0.0	80.8	−21.8	80.6	83.5	105.1
112	0.619	1.0	0.0	76.9	−25.5	75.9	80.1	108.6
118	0.516	1.0	0.0	73.3	−30.6	67.4	74.1	114.4
131	0.326	1.0	0.0	65.8	−41.4	54.4	68.3	127.2
154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
221	0.0	0.784	1.0	52.7	−21.1	−44.1	48.9	244.3
233	0.0	0.601	1.0	46.8	−12.4	−44.6	46.3	254.3
114	0.578	1.0	0.0	75.4	−27.7	72.5	77.7	110.9
118	0.516	1.0	0.0	73.3	−30.6	67.4	74.1	114.4
124	0.433	1.0	0.0	70.7	−34.4	61.9	70.8	119.1
131	0.326	1.0	0.0	65.8	−41.4	54.4	68.3	127.2
140	0.184	1.0	0.0	59.0	−51.7	43.3	67.4	140.0
154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
177	0.0	1.0	0.46	54.6	−53.2	−9.0	53.9	189.6
195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
208	0.0	1.0	0.973	58.1	−30.4	−42.4	52.2	234.3
122	0.454	1.0	0.0	71.3	−33.5	63.2	71.5	117.9
127	0.392	1.0	0.0	69.4	−36.2	59.2	69.4	121.4
131	0.326	1.0	0.0	65.8	−41.4	54.4	68.3	127.2
136	0.243	1.0	0.0	60.7	−48.1	47.4	67.6	135.4
144	0.113	1.0	0.0	56.9	−56.3	38.1	68.0	145.9
154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
170	0.0	1.0	0.356	53.9	−57.8	0.4	57.8	179.5
184	0.0	1.0	0.561	55.3	−48.4	−17.2	51.3	199.6
195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9

TUB-test chart PE45; standard test chart
colors and differences, $\Delta E'^*$, 3D=1, de=1, *cmyk**

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

n	HIC*$_{Fde}$	*rgb*$_{Fde}$			*ict*$_{Fde}$			h_{si_Fde}	*rgb**$_{Fde}$			*LabCh**$_{Fde}$				
486	486$_{de}$	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
487	487$_{de}$	0.75	0.0	0.125	0.75	0.75	0.375	381	0.75	0.0	0.321	40.2	50.2	13.8	52.0	15.4
488	488$_{de}$	0.75	0.0	0.25	0.75	0.75	0.375	371	0.75	0.0	0.495	40.4	52.0	3.9	52.2	4.3
489	489$_{de}$	0.75	0.0	0.375	0.75	0.75	0.375	360	0.711	0.0	0.75	39.9	53.6	−7.4	54.1	352.0
490	490$_{de}$	0.75	0.0	0.5	0.75	0.75	0.375	349	0.554	0.0	0.75	36.6	49.0	−11.6	50.4	346.6
491	491$_{de}$	0.75	0.0	0.625	0.75	0.75	0.375	339	0.427	0.0	0.75	34.1	42.5	−17.9	46.1	337.1
492	492$_{de}$	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
493	493$_{de}$	0.75	0.0	0.875	0.875	0.875	0.437	322	0.283	0.0	0.875	30.9	37.7	−30.5	48.5	321.0
494	494$_{de}$	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
495	495$_{de}$	0.75	0.125	0.0	0.75	0.75	0.375	39	0.75	0.033	0.0	40.9	45.5	32.5	55.9	35.5
496	496$_{de}$	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
497	497$_{de}$	0.75	0.125	0.25	0.75	0.625	0.437	379	0.75	0.125	0.419	46.2	42.1	9.9	43.2	13.2
498	498$_{de}$	0.75	0.125	0.375	0.75	0.625	0.437	367	0.75	0.125	0.603	46.4	44.1	−0.1	44.1	359.8
499	499$_{de}$	0.75	0.125	0.5	0.75	0.625	0.437	353	0.675	0.125	0.75	45.1	43.5	−7.3	44.1	350.4
500	500$_{de}$	0.75	0.125	0.625	0.75	0.625	0.437	341	0.507	0.125	0.75	41.7	36.4	−13.9	39.0	339.0
501	501$_{de}$	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
502	502$_{de}$	0.75	0.125	0.875	0.875	0.75	0.5	321	0.361	0.125	0.875	38.7	31.7	−26.6	41.4	320.0
503	503$_{de}$	0.75	0.125	1.0	1.0	0.875	0.562	314	0.349	0.125	1.0	39.6	32.2	−34.0	46.8	313.4
504	504$_{de}$	0.75	0.25	0.0	0.75	0.75	0.375	49	0.75	0.154	0.0	45.1	36.1	38.2	52.6	46.6
505	505$_{de}$	0.75	0.25	0.125	0.75	0.625	0.437	41	0.75	0.175	0.125	47.5	36.3	28.1	45.9	37.7
506	506$_{de}$	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
507	507$_{de}$	0.75	0.25	0.375	0.75	0.5	0.5	376	0.75	0.25	0.519	52.2	34.0	5.9	34.6	9.8
508	508$_{de}$	0.75	0.25	0.5	0.75	0.5	0.5	360	0.724	0.25	0.75	51.9	35.7	−4.9	36.0	352.0
509	509$_{de}$	0.75	0.25	0.625	0.75	0.5	0.5	344	0.58	0.25	0.75	49.1	30.5	−9.9	32.1	341.8
510	510$_{de}$	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
511	511$_{de}$	0.75	0.25	0.875	0.875	0.625	0.562	319	0.436	0.25	0.875	46.3	25.5	−22.8	34.2	318.1
512	512$_{de}$	0.75	0.25	1.0	1.0	0.75	0.625	311	0.403	0.25	1.0	46.9	26.0	−30.3	39.9	310.5
513	513$_{de}$	0.75	0.375	0.0	0.75	0.75	0.375	60	0.75	0.262	0.0	49.6	26.7	44.2	51.7	58.8
514	514$_{de}$	0.75	0.375	0.125	0.75	0.625	0.437	53	0.75	0.288	0.125	51.7	27.1	33.6	43.2	51.0
515	515$_{de}$	0.75	0.375	0.25	0.75	0.5	0.5	44	0.75	0.316	0.25	54.0	27.1	23.6	35.9	41.0
516	516$_{de}$	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
517	517$_{de}$	0.75	0.375	0.5	0.75	0.375	0.562	371	0.75	0.375	0.622	58.2	26.0	1.9	26.1	4.3
518	518$_{de}$	0.75	0.375	0.625	0.75	0.375	0.562	349	0.652	0.375	0.75	56.3	24.5	−5.8	25.2	346.6
519	519$_{de}$	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
520	520$_{de}$	0.75	0.375	0.875	0.875	0.5	0.625	316	0.511	0.375	0.875	54.0	19.2	−19.0	27.0	315.3
521	521$_{de}$	0.75	0.375	1.0	1.0	0.625	0.687	307	0.453	0.375	1.0	54.1	19.9	−26.6	33.2	306.8
522	522$_{de}$	0.75	0.5	0.0	0.75	0.75	0.375	71	0.75	0.371	0.0	54.7	17.2	50.5	53.4	71.1
523	523$_{de}$	0.75	0.5	0.125	0.75	0.625	0.437	67	0.75	0.401	0.125	56.6	17.3	40.2	43.8	66.6
524	524$_{de}$	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
525	525$_{de}$	0.75	0.5	0.375	0.75	0.375	0.562	49	0.75	0.452	0.375	60.6	18.0	19.1	26.3	46.6
526	526$_{de}$	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
527	527$_{de}$	0.75	0.5	0.625	0.75	0.25	0.625	360	0.737	0.5	0.75	63.9	17.8	−2.4	18.0	352.0
528	528$_{de}$	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
529	529$_{de}$	0.75	0.5	0.875	0.875	0.375	0.687	311	0.576	0.5	0.875	61.4	13.0	−15.1	19.9	310.5
530	530$_{de}$	0.75	0.5	1.0	1.0	0.5	0.75	300	0.522	0.5	1.0	61.1	13.3	−22.9	26.4	300.1
531	531$_{de}$	0.75	0.625	0.0	0.75	0.75	0.375	81	0.75	0.476	0.0	59.9	7.7	57.5	58.0	82.2
532	532$_{de}$	0.75	0.625	0.125	0.75	0.625	0.437	79	0.75	0.502	0.125	61.7	8.2	46.8	47.5	80.0
533	533$_{de}$	0.75	0.625	0.25	0.75	0.5	0.5	76	0.75	0.531	0.25	63.5	8.5	36.1	37.0	76.7
534	534$_{de}$	0.75	0.625	0.375	0.75	0.375	0.562	71	0.75	0.56	0.375	65.3	8.6	25.2	26.7	71.1
535	535$_{de}$	0.75	0.625	0.5	0.75	0.25	0.625	60	0.75	0.587	0.5	67.2	8.9	14.7	17.2	58.8
536	536$_{de}$	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
537	537$_{de}$	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
538	538$_{de}$	0.75	0.625	0.875	0.875	0.25	0.75	300	0.636	0.625	0.875	68.5	6.6	−11.4	13.2	300.1
539	539$_{de}$	0.75	0.625	1.0	1.0	0.375	0.812	289	0.625	0.675	1.0	70.5	6.3	−17.6	18.7	289.7
540	540$_{de}$	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
541	541$_{de}$	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
542	542$_{de}$	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
543	543$_{de}$	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
544	544$_{de}$	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
545	545$_{de}$	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
546	546$_{de}$	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
547	547$_{de}$	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
548	548$_{de}$	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
549	549$_{de}$	0.75	0.875	0.0	0.875	0.875	0.437	98	0.719	0.875	0.0	76.2	−15.5	75.4	77.0	101.6
550	550$_{de}$	0.75	0.875	0.125	0.875	0.75	0.5	99	0.705	0.875	0.125	76.8	−14.3	63.0	64.6	102.7
551	551$_{de}$	0.75	0.875	0.25	0.875	0.625	0.562	101	0.69	0.875	0.25	76.6	−13.6	50.4	52.2	105.1
552	552$_{de}$	0.75	0.875	0.375	0.875	0.5	0.625	104	0.684	0.875	0.375	76.4	−12.7	37.9	40.0	108.6
553	553$_{de}$	0.75	0.875	0.5	0.875	0.375	0.687	109	0.693	0.875	0.5	77.4	−11.5	25.2	27.7	114.4
554	554$_{de}$	0.75	0.875	0.625	0.875	0.25	0.75	120	0.706	0.875	0.625	78.3	−10.3	13.6	17.0	127.2
555	555$_{de}$	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
556	556$_{de}$	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
557	557$_{de}$	0.75	0.875	1.0	1.0	0.25	0.875	240	0.75	0.946	1.0	84.7	−5.2	−11.0	12.2	244.3
558	558$_{de}$	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
559	559$_{de}$	0.75	1.0	0.125	1.0	0.875	0.562	106	0.631	1.0	0.125	77.9	−24.3	63.5	68.0	110.9
560	560$_{de}$	0.75	1.0	0.25	1.0	0.75	0.625	109	0.637	1.0	0.25	78.8	−23.0	50.5	55.5	114.4
561	561$_{de}$	0.75	1.0	0.375	1.0	0.625	0.687	113	0.646	1.0	0.375	80.0	−21.5	38.6	44.2	119.1
562	562$_{de}$	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
563	563$_{de}$	0.75	1.0	0.625	1.0	0.375	0.812	131	0.694	1.0	0.625	81.8	−19.4	16.2	25.3	140.0
564	564$_{de}$	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
565	565$_{de}$	0.75	1.0	0.875	1.0	0.25	0.875	180	0.75	1.0	0.865	85.2	−13.3	−2.2	13.4	189.6
566	566$_{de}$	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

*cmyn**$_{sep,Fde}$				$h_{siM,de}$	*rgb**$_{Mde}$			*LabCh**$_{Mde}$				
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
0.0	0.932	0.543	0.29	364	1.0	0.0	0.428	47.7	66.9	18.5	69.4	15.4
0.0	0.929	0.347	0.291	349	1.0	0.0	0.66	48.0	69.4	5.2	69.6	4.3
0.0	0.928	0.039	0.327	327	0.948	0.0	1.0	47.3	71.5	−9.9	72.1	352.0
0.14	0.918	0.0	0.367	315	0.739	0.0	1.0	42.9	65.4	−15.5	67.2	346.6
0.394	0.921	0.0	0.324	304	0.57	0.0	1.0	39.6	56.7	−23.9	61.5	337.1
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
0.638	0.964	0.0	0.193	288	0.323	0.0	1.0	32.8	43.1	−34.9	55.5	321.0
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
0.0	0.9	0.924	0.285	32	1.0	0.044	0.0	48.7	60.7	43.3	74.6	35.5
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
0.0	0.799	0.423	0.266	361	1.0	0.0	0.47	47.7	67.4	15.8	69.2	13.2
0.0	0.799	0.224	0.27	342	1.0	0.0	0.765	48.1	70.6	−0.1	70.6	359.8
0.0	0.798	0.019	0.332	323	0.881	0.0	1.0	46.0	69.6	−11.7	70.6	350.4
0.277	0.798	0.0	0.329	307	0.611	0.0	1.0	40.6	58.3	−22.3	62.4	339.0
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
0.579	0.821	0.0	0.166	287	0.315	0.0	1.0	32.7	42.3	−35.4	55.2	320.0
0.664	0.828	0.0	0.0	284	0.256	0.0	1.0	31.6	36.8	−38.9	53.5	313.4
0.0	0.759	0.94	0.285	41	1.0	0.205	0.0	54.3	48.2	51.0	70.2	46.6
0.0	0.749	0.727	0.264	34	1.0	0.08	0.0	49.8	58.1	44.9	73.5	37.7
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
0.0	0.671	0.311	0.264	357	1.0	0.0	0.538	47.8	68.1	11.8	69.2	9.8
0.0	0.674	0.062	0.292	327	0.948	0.0	1.0	47.3	71.5	−9.9	72.1	352.0
0.139	0.67	0.0	0.333	310	0.661	0.0	1.0	41.6	61.0	−19.9	64.2	341.8
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
0.524	0.692	0.0	0.168	286	0.298	0.0	1.0	32.4	40.8	−36.5	54.7	318.1
0.623	0.691	0.0	0.0	281	0.205	0.0	1.0	30.7	34.6	−40.4	53.3	310.5
0.0	0.638	0.94	0.292	50	1.0	0.349	0.0	60.3	35.6	59.0	68.9	58.8
0.0	0.625	0.767	0.275	44	1.0	0.262	0.0	56.5	43.4	53.8	69.1	51.0
0.0	0.613	0.594	0.259	37	1.0	0.133	0.0	51.5	54.2	47.2	71.9	41.0
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
0.0	0.545	0.193	0.268	349	1.0	0.0	0.66	48.0	69.4	5.2	69.6	4.3
0.009	0.524	0.0	0.341	315	0.739	0.0	1.0	42.9	65.4	−15.5	67.2	346.6
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
0.438	0.572	0.0	0.168	285	0.273	0.0	1.0	31.9	38.4	−38.0	54.0	315.3
0.556	0.575	0.0	0.0	276	0.126	0.0	1.0	29.3	31.8	−42.5	53.1	306.8
0.0	0.517	0.94	0.293	59	1.0	0.495	0.0	67.0	23.0	67.3	71.2	71.1
0.0	0.491	0.8	0.277	56	1.0	0.441	0.0	64.5	27.7	64.4	70.1	66.6
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
0.0	0.472	0.481	0.257	41	1.0	0.205	0.0	54.3	48.2	51.0	70.2	46.6
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
0.0	0.397	0.05	0.289	327	0.948	0.0	1.0	47.3	71.5	−9.9	72.1	352.0
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
0.357	0.443	0.0	0.172	281	0.205	0.0	1.0	30.7	34.6	−40.4	53.3	310.5
0.506	0.467	0.0	0.0	272	0.045	0.0	1.0	26.7	26.6	−45.8	52.9	300.1
0.0	0.387	0.94	0.293	68	1.0	0.634	0.0	74.0	10.3	76.7	77.4	82.2
0.0	0.365	0.821	0.282	66	1.0	0.604	0.0	72.5	13.1	74.9	76.0	80.0
0.0	0.349	0.673	0.274	64	1.0	0.563	0.0	70.4	17.0	72.2	74.1	76.7
0.0	0.328	0.519	0.273	59	1.0	0.495	0.0	67.0	23.0	67.3	71.2	71.1
0.0	0.303	0.352	0.276	50	1.0	0.349	0.0	60.3	35.6	59.0	68.9	58.8
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
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
0.286	0.288	0.0	0.183	272	0.045	0.0	1.0	26.7	26.6	−45.8	52.9	300.1
0.405	0.311	0.0	0.014	262	0.0	0.133	1.0	28.9	16.8	−46.9	49.8	289.7
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
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
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
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
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
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
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
0.161	0.087	0.0	0.188	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	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
0.146	0.0	0.968	0.176	99	0.822	1.0	0.0	84.6	−17.7	86.2	88.0	101.6
0.132	0.0	0.853	0.185	102	0.773	1.0	0.0	83.5	−19.1	84.0	86.2	102.7
0.147	0.0	0.724	0.193	106	0.705	1.0	0.0	80.8	−21.8	80.6	83.5	105.1
0.165	0.0	0.594	0.2	112	0.619	1.0	0.0	76.9	−25.5	75.9	80.1	108.6
0.181	0.0	0.451	0.189	118	0.516	1.0	0.0	73.3	−30.6	67.4	74.1	114.4
0.22	0.0	0.311	0.173	131	0.326	1.0	0.0	65.8	−41.4	54.4	68.3	127.2
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
0.21	0.0	0.035	0.17	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
0.316	0.04	0.0	0.007	221	0.0	0.784	1.0	52.7	−21.1	−44.1	48.9	244.3
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
0.378	0.0	0.872	0.0	114	0.578	1.0	0.0	75.4	−27.7	72.5	77.7	110.9
0.363	0.0	0.744	0.0	118	0.516	1.0	0.0	73.3	−30.6	67.4	74.1	114.4
0.348	0.0	0.623	0.0	124	0.433	1.0	0.0	70.7	−34.4	61.9	70.8	119.1
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
0.375	0.0	0.375	0.0	140	0.184	1.0	0.0	59.0	−51.7	43.3	67.4	140.0
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
0.344	0.0	0.125	0.0	177	0.0	1.0	0.46	54.6	−53.2	−9.0	53.9	189.6
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

Mean color difference of this page: **delta**

TUB-test chart PE45; standard test chart
colors and differences, Δ*E'**, 3D=1, de=1, *cmyk**

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

http://130.149.60.45/~farbmetrik/PE45/PE45L0FA.TXT /.PS; 3D-linearization
F: 3D-linearization PE45/PE45LE30FA.DAT in file (F), page 16/22

n	HIC*Fde	rgb_Fde			ict_Fde			hsi_F,de	rgb*Fde			LabCh*Fde					cmyn*sep,Fde				hsiM,de	rgb*Mde			LabCh*Mde				
567	567de	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
568	568de	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	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
569	569de	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	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
570	570de	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	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
571	571de	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	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
572	572de	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	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
573	573de	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	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
574	574de	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	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
575	575de	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
576	576de	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	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
577	577de	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
578	578de	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	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
579	579de	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	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
580	580de	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	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
581	581de	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	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
582	582de	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	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
583	583de	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	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
584	584de	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	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
585	585de	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	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
586	586de	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	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
587	587de	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
588	588de	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	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
589	589de	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	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
590	590de	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	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
591	591de	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	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
592	592de	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	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
593	593de	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	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
594	594de	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	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
595	595de	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	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
596	596de	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	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
597	597de	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
598	598de	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	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
599	599de	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	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
600	600de	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	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
601	601de	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	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
602	602de	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	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
603	603de	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	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
604	604de	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	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
605	605de	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	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
606	606de	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	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
607	607de	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
608	608de	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	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
609	609de	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	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
610	610de	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	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
611	611de	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	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
612	612de	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	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
613	613de	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	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
614	614de	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	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
615	615de	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	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
616	616de	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	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
617	617de	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
618	618de	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	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
619	619de	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	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
620	620de	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	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
621	621de	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	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
622	622de	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	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
623	623de	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	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
624	624de	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	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
625	625de	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	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
626	626de	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	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
627	627de	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
628	628de	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	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
629	629de	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	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
630	630de	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
631	631de	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
632	632de	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
633	633de	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
634	634de	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
635	635de	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
636	636de	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
637	637de	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
638	638de	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
639	639de	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
640	640de	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	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
641	641de	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	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
642	642de	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	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
643	643de	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	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
644	644de	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	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
645	645de	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	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
646	646de	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	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
647	647de	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

Mean color difference of this page: delta

1-1131530-F0
PE450-7N, Page 16/22-F

TUB-test chart PE45; standard test chart
colors and differences, $\Delta E'^*$, 3D=1, de=1, *cmyk**

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

1-1131530-F0

http://130.149.60.45/~farbmetrik/PE45/PE45L0FA.TXT /.PS; 3D-linearization
F: 3D-linearization PE45/PE45LE30FA.DAT in file (F), page 17/22

n	HIC^*_{Fde}	rgb_{Fde}			ict_{Fde}			$h_{si\_F,de}$	rgb^*_{Fde}			$LabCh^*_{Fde}$				
648	648de	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
649	649de	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
650	650de	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
651	651de	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
652	652de	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
653	653de	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
654	654de	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
655	655de	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
656	656de	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
657	657de	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
658	658de	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
659	659de	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
660	660de	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
661	661de	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
662	662de	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
663	663de	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
664	664de	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
665	665de	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
666	666de	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
667	667de	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
668	668de	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
669	669de	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
670	670de	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
671	671de	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
672	672de	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
673	673de	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
674	674de	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
675	675de	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
676	676de	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
677	677de	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
678	678de	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
679	679de	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
680	680de	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
681	681de	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
682	682de	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
683	683de	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
684	684de	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
685	685de	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
686	686de	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
687	687de	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
688	688de	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
689	689de	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
690	690de	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
691	691de	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
692	692de	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
693	693de	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
694	694de	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
695	695de	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
696	696de	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
697	697de	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
698	698de	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
699	699de	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
700	700de	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
701	701de	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
702	702de	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
703	703de	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
704	704de	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
705	705de	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
706	706de	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
707	707de	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
708	708de	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
709	709de	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
710	710de	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
711	711de	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
712	712de	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
713	713de	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
714	714de	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
715	715de	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
716	716de	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
717	717de	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
718	718de	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
719	719de	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
720	720de	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
721	721de	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
722	722de	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
723	723de	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
724	724de	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
725	725de	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
726	726de	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
727	727de	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
728	728de	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

n	$cmyn^*_{sep,Fde}$				$h_{siM,de}$	rgb^*_{Mde}			$LabCh^*_{Mde}$				
648	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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

Mean color difference of this page: delta

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PE450−7N, Page 17/22−F

TUB-test chart PE45; standard test chart
colors and differences, $\Delta E'^*$, 3D=1, de=1, *cmyk**

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

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

Mean color difference of this page: **delta**

TUB-test chart PE45; standard test chart
colors and differences, $\Delta E'$*, 3D=1, de=1, *cmyk**

input: *rgb/cmyk* −> *rgb*$_{de}$
output: 3D-linearization to *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**$_{Mde}$				
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

Mean color difference of this page: **delta**

http://130.149.60.45/~farbmetrik/PE45/PE45L0FA.TXT /.PS; 3D-linearization
F: 3D-linearization PE45/PE45LE30FA.DAT in file (F), page 20/22

n	HIC*Fde	rgb_Fde			ict_Fde			hsi_F,de	rgb*Fde			LabCh*Fde					cmyn*sep,Fde				hsiM,de	rgb*Mde			LabCh*Mde				
891	891de	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
892	892de	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
893	893de	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
894	894de	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
895	895de	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
896	896de	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
897	897de	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
898	898de	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
899	899de	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
900	900de	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	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
901	901de	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
902	902de	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	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
903	903de	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	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
904	904de	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	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
905	905de	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	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
906	906de	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	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
907	907de	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	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
908	908de	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	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
909	909de	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	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
910	910de	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	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
911	911de	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
912	912de	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	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
913	913de	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	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
914	914de	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	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
915	915de	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
916	916de	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	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
917	917de	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	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
918	918de	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	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
919	919de	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	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
920	920de	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	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
921	921de	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
922	922de	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	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
923	923de	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	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
924	924de	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	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
925	925de	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	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
926	926de	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	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
927	927de	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
928	928de	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
929	929de	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
930	930de	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
931	931de	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
932	932de	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
933	933de	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
934	934de	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
935	935de	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
936	936de	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
937	937de	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
938	938de	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
939	939de	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
940	940de	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
941	941de	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
942	942de	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
943	943de	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
944	944de	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
945	945de	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
946	946de	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
947	947de	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
948	948de	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
949	949de	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
950	950de	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
951	951de	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
952	952de	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
953	953de	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
954	954de	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	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
955	955de	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	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
956	956de	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	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
957	957de	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	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
958	958de	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	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
959	959de	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	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
960	960de	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	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
961	961de	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
962	962de	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	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
963	963de	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
964	964de	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
965	965de	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
966	966de	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
967	967de	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
968	968de	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
969	969de	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
970	970de	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
971	971de	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

Mean color difference of this page: delta

1-1131930-F0 PE450-7N, Page 20/22-F

TUB-test chart PE45; standard test chart
colors and differences, $\Delta E'^*$, 3D=1, de=1, *cmyk**

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

n	HIC*$_{Fde}$	*rgb*$_{Fde}$			*ict*$_{Fde}$			h_{si_Fde}	*rgb**$_{Fde}$			*LabCh**$_{Fde}$				*cmyn**$_{sep,Fde}$				$h_{siM,de}$	*rgb**$_{Mde}$			*LabCh**$_{Mde}$			
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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	0.007	0.005	0.26	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0

Mean color difference of this page: **delta**

TUB-test chart PE45; standard test chart
colors and differences, $\Delta E'$*, 3D=1, de=1, *cmyk**

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

1−1132030−F0

http://130.149.60.45/~farbmetrik/PE45/PE45L0FA.TXT /.PS; 3D-linearization
F: 3D-linearization PE45/PE45LE30FA.DAT in file (F), page 22/22

n	HIC*$_{Fde}$	*rgb*$_{\_Fde}$			*ict*$_{\_Fde}$			$h_{si\_F,de}$	*rgb**$_{Fde}$			*LabCh**$_{Fde}$				
1053	1053$_{de}$	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	0.0
1054	1054$_{de}$	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	0.0
1055	1055$_{de}$	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
1056	1056$_{de}$	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
1057	1057$_{de}$	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	0.0
1058	1058$_{de}$	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
1059	1059$_{de}$	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	0.0
1060	1060$_{de}$	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	0.0
1061	1061$_{de}$	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
1062	1062$_{de}$	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	0.0
1063	1063$_{de}$	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
1064	1064$_{de}$	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	0.0
1065	1065$_{de}$	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
1066	1066$_{de}$	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	0.0
1067	1067$_{de}$	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	0.0
1068	1068$_{de}$	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
1069	1069$_{de}$	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	0.0
1070	1070$_{de}$	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	0.0
1071	1071$_{de}$	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
1072	1072$_{de}$	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
1073	1073$_{de}$	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
1074	1074$_{de}$	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
1075	1075$_{de}$	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
1076	1076$_{de}$	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
1077	1077$_{de}$	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
1078	1078$_{de}$	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
1079	1079$_{de}$	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

n	*cmyn**$_{sep,Fde}$				$h_{siM,de}$	*rgb**$_{Mde}$			*LabCh**$_{Mde}$				
1053	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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

Mean color difference of this page: **delta**

1−1132130−F0

PE450−7N, Page 22/22−F

TUB-test chart PE45; standard test chart
colors and differences, $\Delta E'$*, 3D=1, de=1, *cmyk**

input: *rgb/cmyk* −> rgb_{de}
output: 3D-linearization to *cmyk**$_{de}$

1−1132130−F0