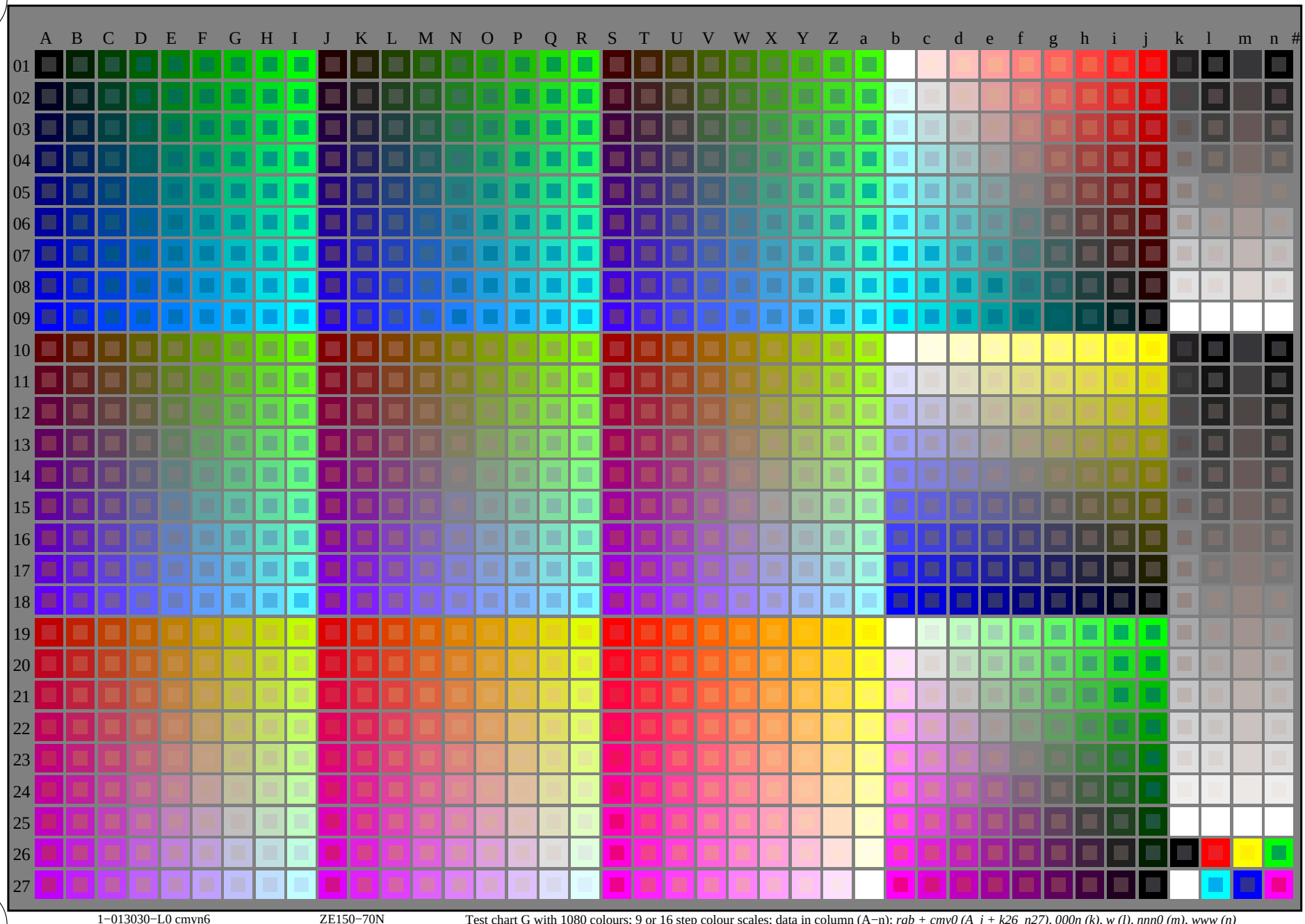
http://farbe.li.tu-berlin.de/ZE15/ZE15L0NP.PDF /.PS; start output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 1/38



see similar files: http://farbe.li.tu-berlin.de/ZE15/ZE15.HTM
http://130.149.60.45/~farbmetrik or http://farbe.li.tu-berlin.de

TUB registration: 20160101-ZE15/ZE15L0NP.PDF /.PS
application for measurement of photo printer output

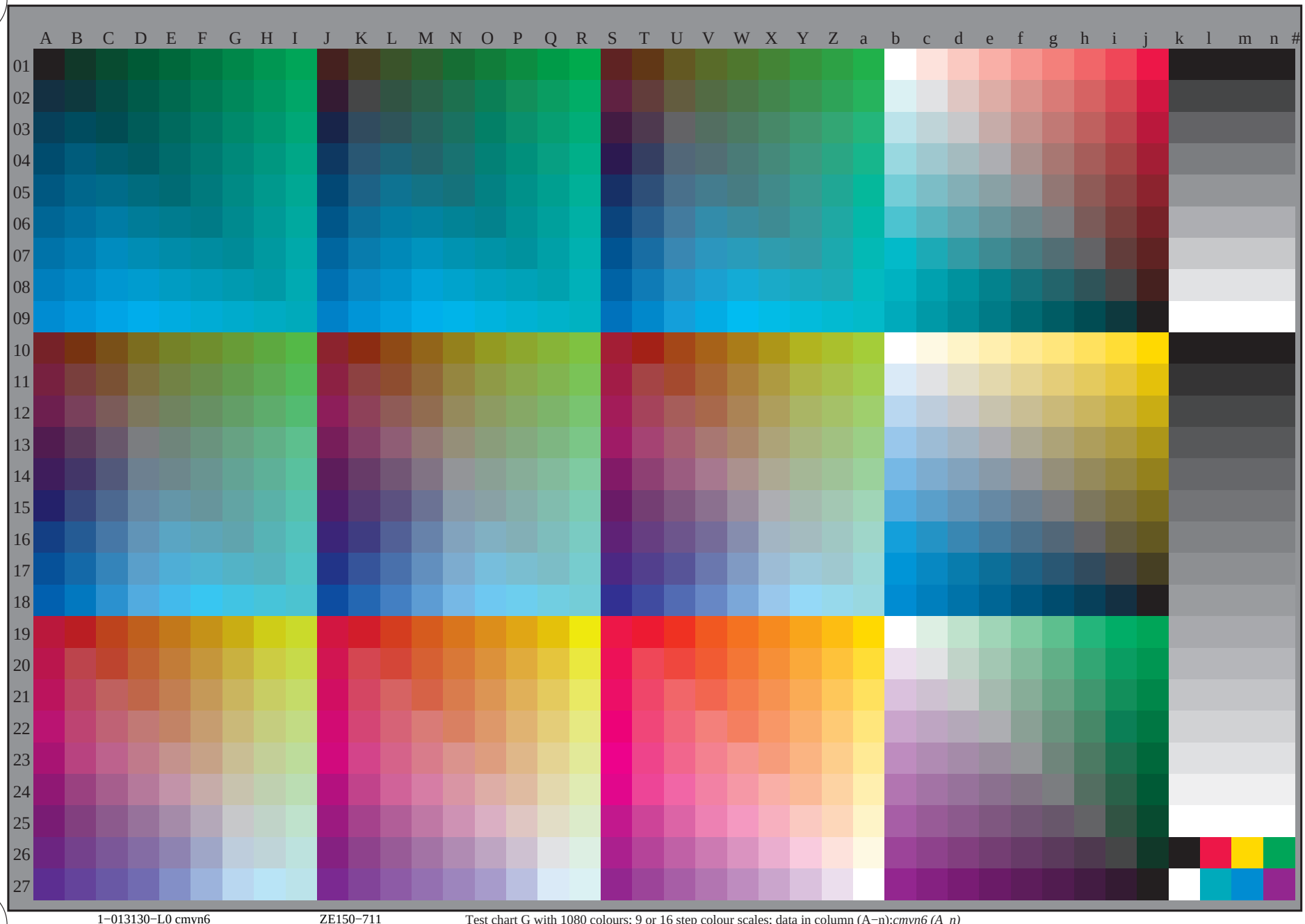
TUB material: code=rha4ta

1-013030-L0 cmyn6 ZE150-70N Test chart G with 1080 colours; 9 or 16 step colour scales; data in column (A-n): *rgb + cmy0 (A_j + k26_n27), 000n (k), w (l), nnn0 (m), www (n)*

TUB-test chart ZE15; test chart G of CIE R8-09:2015
1080 standard colours; image technology

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

http://farbe.li.tu-berlin.de/ZE15/ZE15L0NP.PDF /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 2/38



see similar files: http://farbe.li.tu-berlin.de/ZE15/ZE15.HTM
http://130.149.60.45/~farbmetrik or http://farbe.li.tu-berlin.de

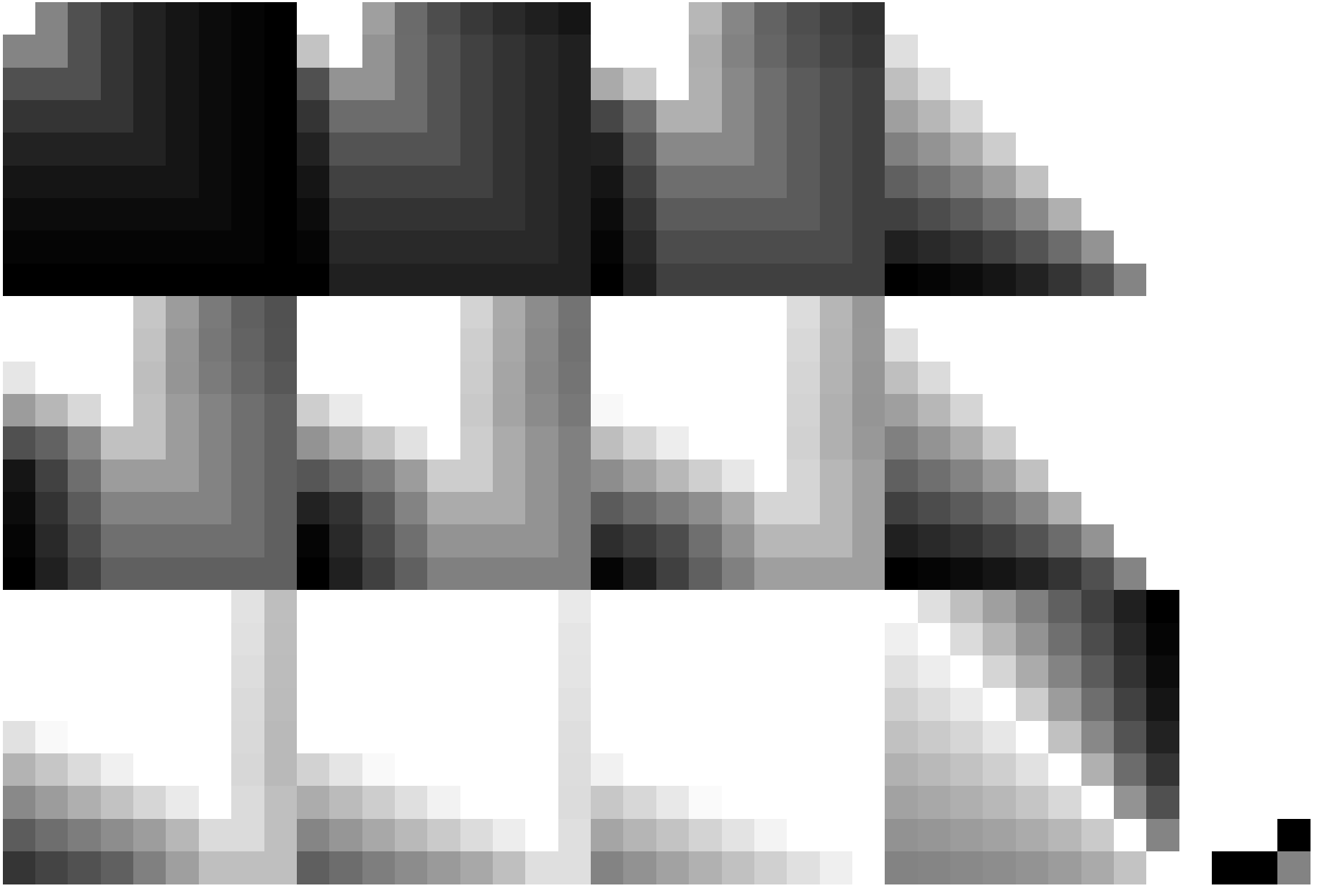
TUB registration: 20160101-ZE15/ZE15L0NP.PDF /.PS
application for measurement of photo printer output, separation rgb (CMYK)

TUB material: code=rha4ta

1-013130-L0 cmyn6 ZE150-711 Test chart G with 1080 colours; 9 or 16 step colour scales; data in column (A-n):*cmyn6 (A_n)*

TUB-test chart ZE15; test chart G of CIE R8-09:2015
1080 standard colours, 3D=0, de=1, *RGB*

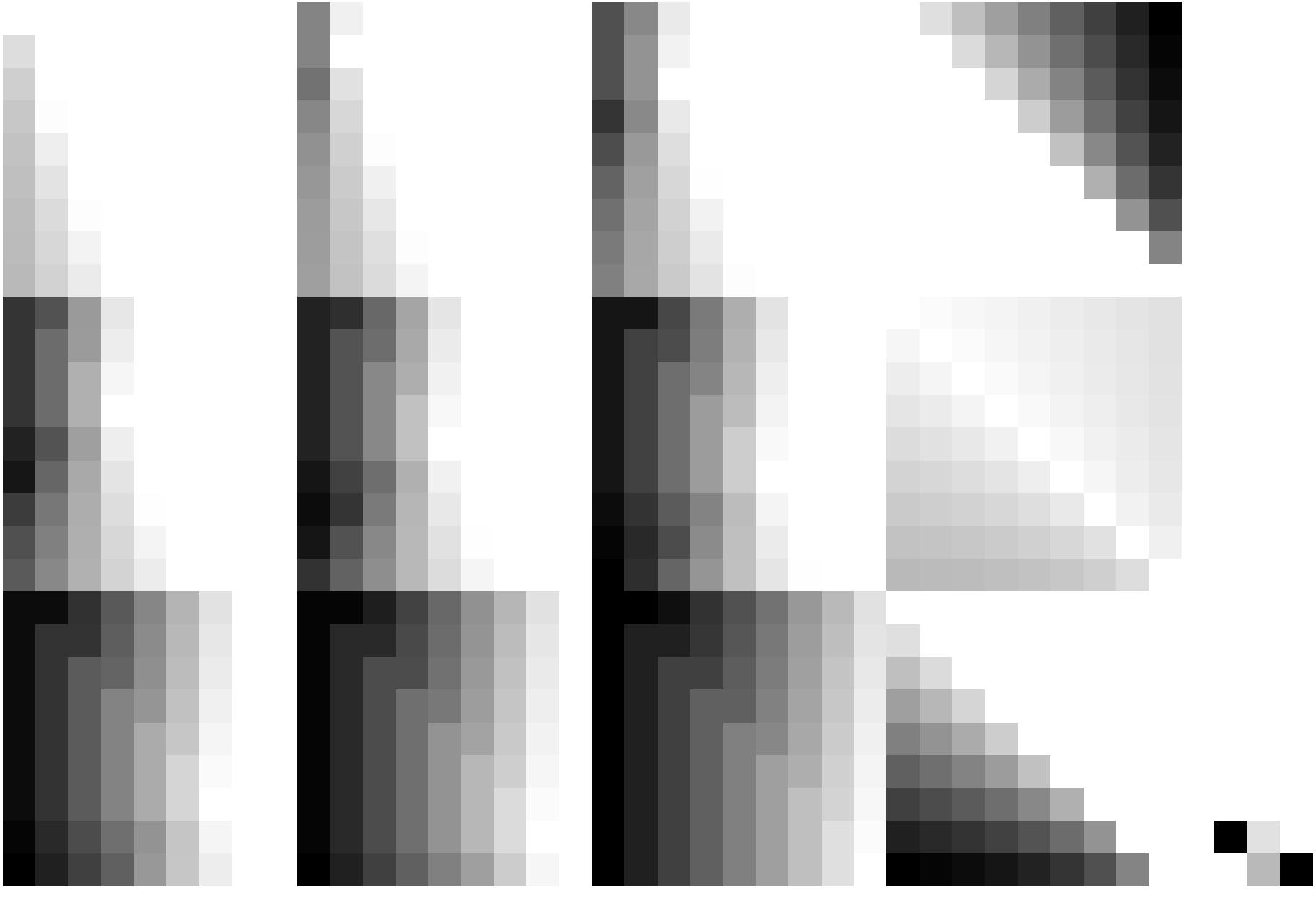
input: *rgb/cmyk -> rgb*$_e$
output: transfer to *rgb*$_e$



1−013230−L0 cmyn6 ZE150−721

TUB-test chart ZE15; test chart G of CIE R8−09:2015
1080 standard colours, 3D=0, de=1, *RGB*

input: *rgb/cmyk −> rgb*$_e$
output: transfer to *rgb*$_e$

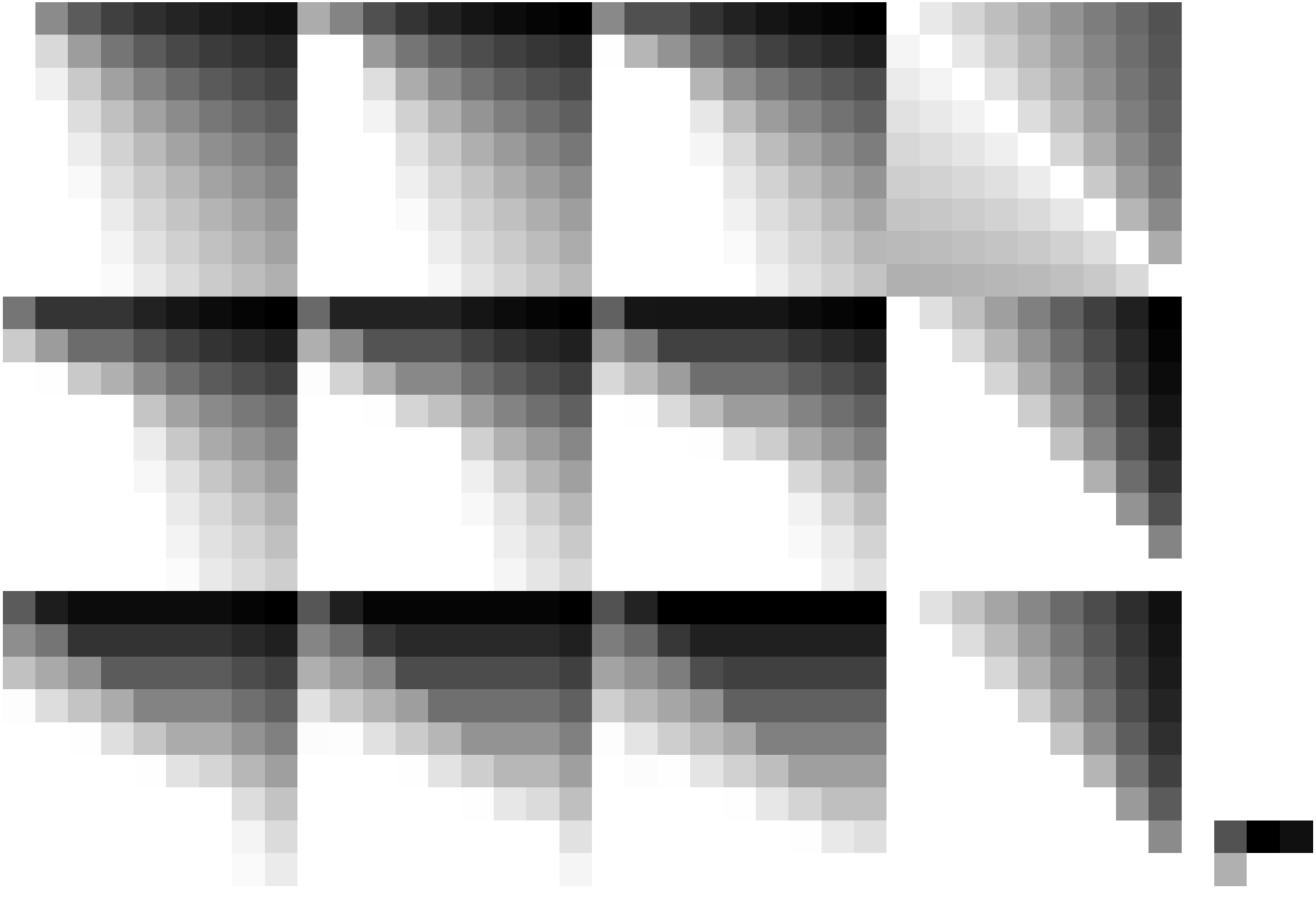


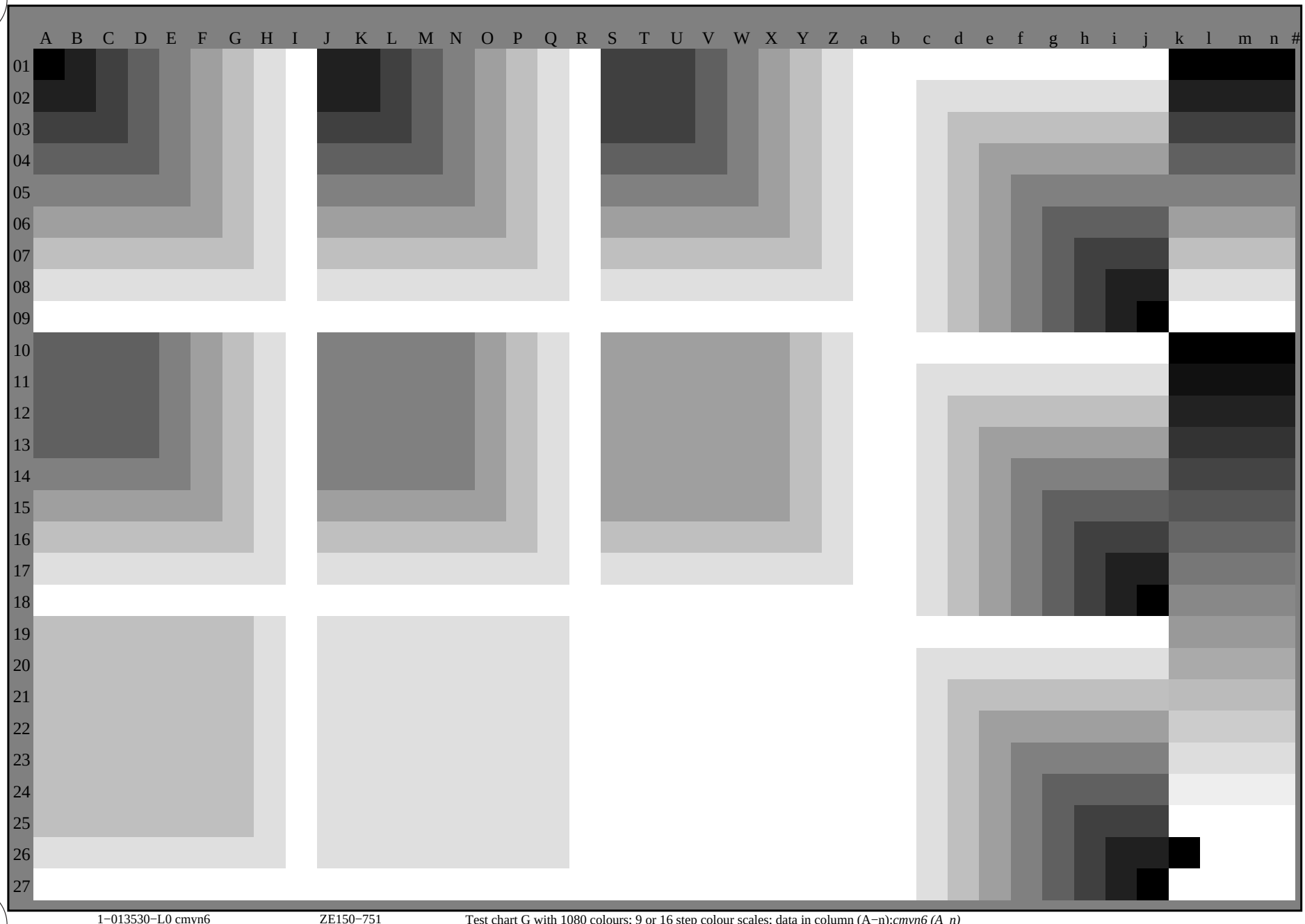
1-013330-L0 cmyn6

ZE150-731

TUB-test chart ZE15; test chart G of CIE R8-09:2015
1080 standard colours, 3D=0, de=1, *RGB*

input: *rgb/cmyk -> rgb*$_e$
output: transfer to *rgb*$_e$





1−013530−L0 cmyn6 ZE150−751 Test chart G with 1080 colours; 9 or 16 step colour scales; data in column (A−n):*cmyn6 (A_n)*

TUB-test chart ZE15; test chart G of CIE R8−09:2015
1080 standard colours, 3D=0, de=1, *RGB*

input: *rgb/cmyk −> rgb*$_e$
output: transfer to *rgb*$_e$

n/j	HIC*$_{Fe}$	*rgb*$_{Fe}$			*ict*$_{Fe}$			$h_{si\_F,e}$	*rgb**$_{Fe}$			*LabCh**$_{Fe}$					*rgb*'*$_{Fe}$			*LabCh*'*$_{Fe}$				*DE*'*$_{Fe}$	$h_{siM,e}$	*rgb**$_{Me}$			*LabCh**$_{Me}$			
0/648	R00Y_100_100$_e$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4	1.0	0.0	0.0	49.2	68.9	53.4	87.2	37.7	19.3	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
1/657	R13Y_100_100$_e$	1.0	0.125	0.0	1.0	1.0	0.5	37	1.0	0.0	0.135	49.5	70.1	46.0	83.9	33.2	1.0	0.125	0.0	54.0	62.4	61.8	87.9	44.7	18.1	382	1.0	0.0	0.135	49.5	70.1	46.0	83.9	33.2
2/666	R25Y_100_100$_e$	1.0	0.25	0.0	1.0	1.0	0.5	44	1.0	0.059	0.0	51.5	66.0	57.5	87.5	41.0	1.0	0.25	0.0	60.1	51.5	70.8	87.6	53.9	21.4	33	1.0	0.059	0.0	51.5	66.0	57.5	87.5	41.0
3/675	R38Y_100_100$_e$	1.0	0.375	0.0	1.0	1.0	0.5	52	1.0	0.196	0.0	57.5	56.4	67.2	87.7	49.9	1.0	0.375	0.0	65.8	39.3	77.7	87.1	63.1	21.7	40	1.0	0.196	0.0	57.5	56.4	67.2	87.7	49.9
4/684	R50Y_100_100$_e$	1.0	0.5	0.0	1.0	1.0	0.5	60	1.0	0.317	0.0	63.2	45.1	74.8	87.4	58.8	1.0	0.5	0.0	70.9	28.8	83.5	88.3	70.9	20.0	48	1.0	0.317	0.0	63.2	45.1	74.8	87.4	58.8
5/693	R63Y_100_100$_e$	1.0	0.625	0.0	1.0	1.0	0.5	68	1.0	0.449	0.0	68.8	33.1	81.3	87.8	67.8	1.0	0.625	0.0	75.7	18.1	89.1	91.0	78.4	18.3	56	1.0	0.449	0.0	68.8	33.1	81.3	87.8	67.8
6/702	R75Y_100_100$_e$	1.0	0.75	0.0	1.0	1.0	0.5	76	1.0	0.595	0.0	74.6	20.7	87.9	90.3	76.7	1.0	0.75	0.0	80.9	6.8	95.5	95.8	85.9	17.1	66	1.0	0.595	0.0	74.6	20.7	87.9	90.3	76.7
7/711	R88Y_100_100$_e$	1.0	0.875	0.0	1.0	1.0	0.5	83	1.0	0.726	0.0	79.9	9.0	94.4	94.9	84.5	1.0	0.875	0.0	85.8	−3.6	101.3	101.3	92.0	15.5	74	1.0	0.726	0.0	79.9	9.0	94.4	94.9	84.5
8/720	Y00G_100_100$_e$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3	1.0	1.0	0.0	90.8	−14.0	107.7	108.6	97.4	12.6	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
9/639	Y13G_100_100$_e$	0.875	1.0	0.0	1.0	1.0	0.5	97	0.914	1.0	0.0	87.9	−19.0	103.0	104.7	100.4	0.875	1.0	0.0	86.6	−21.2	100.7	102.9	101.8	3.4	94	0.914	1.0	0.0	87.9	−19.0	103.0	104.7	100.4
10/558	Y25G_100_100$_e$	0.75	1.0	0.0	1.0	1.0	0.5	104	0.744	1.0	0.0	80.9	−30.8	91.4	96.5	108.6	0.75	1.0	0.0	81.2	−30.3	91.8	96.7	108.2	0.7	104	0.744	1.0	0.0	80.9	−30.8	91.4	96.5	108.6
11/477	Y38G_100_100$_e$	0.625	1.0	0.0	1.0	1.0	0.5	112	0.592	1.0	0.0	73.4	−42.3	79.7	90.3	117.9	0.625	1.0	0.0	74.8	−39.6	81.9	91.0	115.8	3.6	113	0.592	1.0	0.0	73.4	−42.3	79.7	90.3	117.9
12/396	Y50G_100_100$_e$	0.5	1.0	0.0	1.0	1.0	0.5	120	0.451	1.0	0.0	67.3	−53.0	69.6	87.5	127.2	0.5	1.0	0.0	69.4	−49.3	73.0	88.1	124.0	5.3	123	0.451	1.0	0.0	67.3	−53.0	69.6	87.5	127.2
13/315	Y63G_100_100$_e$	0.375	1.0	0.0	1.0	1.0	0.5	128	0.318	1.0	0.0	61.6	−62.5	59.1	86.1	136.5	0.375	1.0	0.0	64.2	−58.3	64.0	86.6	132.3	6.9	131	0.318	1.0	0.0	61.6	−62.5	59.1	86.1	136.5
14/234	Y75G_100_100$_e$	0.25	1.0	0.0	1.0	1.0	0.5	136	0.196	1.0	0.0	55.9	−70.6	47.7	85.2	145.9	0.25	1.0	0.0	58.5	−67.1	53.0	85.5	141.6	6.8	139	0.196	1.0	0.0	55.9	−70.6	47.7	85.2	145.9
15/153	Y88G_100_100$_e$	0.125	1.0	0.0	1.0	1.0	0.5	143	0.081	1.0	0.0	49.7	−75.5	36.7	83.9	154.0	0.125	1.0	0.0	52.4	−74.6	40.3	84.8	151.6	4.5	145	0.081	1.0	0.0	49.7	−75.5	36.7	83.9	154.0
16/72	G00C_100_100$_e$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2	0.0	1.0	0.0	44.8	−76.5	30.0	82.2	158.5	5.3	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
17/73	G13C_100_100$_e$	0.0	1.0	0.125	1.0	1.0	0.5	157	0.0	1.0	0.164	47.1	−77.7	15.6	79.3	168.6	0.0	1.0	0.125	46.8	−79.1	19.8	81.6	165.9	4.4	158	0.0	1.0	0.164	47.1	−77.7	15.6	79.3	168.6
18/74	G25C_100_100$_e$	0.0	1.0	0.25	1.0	1.0	0.5	164	0.0	1.0	0.256	47.6	−73.5	6.4	73.8	175.0	0.0	1.0	0.25	47.5	−73.8	7.0	74.2	174.5	0.7	164	0.0	1.0	0.256	47.6	−73.5	6.4	73.8	175.0
19/75	G38C_100_100$_e$	0.0	1.0	0.375	1.0	1.0	0.5	172	0.0	1.0	0.355	48.5	−67.9	−2.7	68.0	182.3	0.0	1.0	0.375	48.6	−66.7	−4.3	66.9	183.7	2.0	170	0.0	1.0	0.355	48.5	−67.9	−2.7	68.0	182.3
20/76	G50C_100_100$_e$	0.0	1.0	0.5	1.0	1.0	0.5	180	0.0	1.0	0.438	49.2	−62.7	−10.6	63.6	189.6	0.0	1.0	0.5	49.7	−58.2	−15.9	60.3	195.3	7.0	175	0.0	1.0	0.438	49.2	−62.7	−10.6	63.6	189.6
21/77	G63C_100_100$_e$	0.0	1.0	0.625	1.0	1.0	0.5	188	0.0	1.0	0.514	49.8	−57.3	−17.4	59.8	196.9	0.0	1.0	0.625	50.8	−48.8	−27.2	55.9	209.1	12.9	180	0.0	1.0	0.514	49.8	−57.3	−17.4	59.8	196.9
22/78	G75C_100_100$_e$	0.0	1.0	0.75	1.0	1.0	0.5	196	0.0	1.0	0.58	50.4	−52.4	−23.5	57.5	204.2	0.0	1.0	0.75	51.6	−38.4	−37.5	53.7	224.3	19.8	185	0.0	1.0	0.58	50.4	−52.4	−23.5	57.5	204.2
23/79	G88C_100_100$_e$	0.0	1.0	0.875	1.0	1.0	0.5	203	0.0	1.0	0.637	50.9	−47.9	−28.3	55.7	210.5	0.0	1.0	0.875	52.6	−28.1	−47.7	55.4	239.4	27.7	188	0.0	1.0	0.637	50.9	−47.9	−28.3	55.7	210.5
24/80	C00B_100_100$_e$	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9	0.0	1.0	1.0	53.6	−17.0	−58.8	61.2	253.8	37.2	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9
25/71	C13B_100_100$_e$	0.0	0.875	1.0	1.0	1.0	0.5	217	0.0	1.0	0.742	51.5	−39.1	−37.0	53.9	223.3	0.0	0.875	1.0	49.8	−8.5	−61.7	62.3	262.1	39.3	195	0.0	1.0	0.742	51.5	−39.1	−37.0	53.9	223.3
26/62	C25B_100_100$_e$	0.0	0.75	1.0	1.0	1.0	0.5	224	0.0	1.0	0.794	52.0	−35.1	−41.5	54.3	229.7	0.0	0.75	1.0	46.1	0.1	−64.6	64.6	270.1	42.6	198	0.0	1.0	0.794	52.0	−35.1	−41.5	54.3	229.7
27/53	C38B_100_100$_e$	0.0	0.625	1.0	1.0	1.0	0.5	232	0.0	1.0	0.854	52.5	−29.9	−46.2	55.1	237.0	0.0	0.625	1.0	41.8	9.9	−67.2	68.0	278.4	46.3	202	0.0	1.0	0.854	52.5	−29.9	−46.2	55.1	237.0
28/44	C50B_100_100$_e$	0.0	0.5	1.0	1.0	1.0	0.5	240	0.0	1.0	0.917	53.0	−24.8	−51.7	57.3	244.3	0.0	0.5	1.0	38.0	18.7	−68.9	71.4	285.1	49.1	205	0.0	1.0	0.917	53.0	−24.8	−51.7	57.3	244.3
29/35	C63B_100_100$_e$	0.0	0.375	1.0	1.0	1.0	0.5	248	0.0	1.0	0.981	53.4	−18.9	−57.3	60.3	251.6	0.0	0.375	1.0	33.5	27.5	−70.1	75.3	291.4	52.2	209	0.0	1.0	0.981	53.4	−18.9	−57.3	60.3	251.6
30/26	C75B_100_100$_e$	0.0	0.25	1.0	1.0	1.0	0.5	256	0.0	0.922	1.0	51.2	−11.8	−60.7	61.9	258.9	0.0	0.25	1.0	28.5	37.4	−70.8	80.1	297.8	55.2	214	0.0	0.922	1.0	51.2	−11.8	−60.7	61.9	258.9
31/17	C88B_100_100$_e$	0.0	0.125	1.0	1.0	1.0	0.5	263	0.0	0.824	1.0	48.3	−5.1	−63.0	63.2	265.3	0.0	0.125	1.0	23.6	45.5	−70.0	83.5	303.0	56.8	219	0.0	0.824	1.0	48.3	−5.1	−63.0	63.2	265.3
32/8	B00M_100_100$_e$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7	0.0	0.0	1.0	19.3	49.1	−65.5	81.9	306.8	53.8	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
33/89	B13M_100_100$_e$	0.125	0.0	1.0	1.0	1.0	0.5	277	0.0	0.625	1.0	41.9	9.9	−67.2	67.9	278.3	0.125	0.0	1.0	21.5	54.8	−60.8	81.9	312.0	49.7	231	0.0	0.625	1.0	41.9	9.9	−67.2	67.9	278.3
34/170	B25M_100_100$_e$	0.25	0.0	1.0	1.0	1.0	0.5	284	0.0	0.503	1.0	38.1	18.4	−68.9	71.3	285.0	0.25	0.0	1.0	26.2	58.2	−54.2	79.6	317.0	44.0	239	0.0	0.503	1.0	38.1	18.4	−68.9	71.3	285.0
35/251	B38M_100_100$_e$	0.375	0.0	1.0	1.0	1.0	0.5	292	0.0	0.353	1.0	32.7	29.2	−70.3	76.2	292.5	0.375	0.0	1.0	30.5	61.5	−47.8	77.9	322.1	39.4	249	0.0	0.353	1.0	32.7	29.2	−70.3	76.2	292.5
36/332	B50M_100_100$_e$	0.5	0.0	1.0	1.0	1.0	0.5	300	0.0	0.194	1.0	26.3	41.0	−70.5	81.6	300.1	0.5	0.0	1.0	34.8	64.7	−40.4	76.3	328.0	39.2	259	0.0	0.194	1.0	26.3	41.0	−70.5	81.6	300.1
37/413	B63M_100_100$_e$	0.625	0.0	1.0	1.0	1.0	0.5	308	0.021	0.0	1.0	19.6	50.1	−64.7	81.9	307.7	0.625	0.0	1.0	38.6	68.7	−33.3	76.4	334.0	41.0	271	0.021	0.0	1.0	19.6	50.1	−64.7	81.9	307.7
38/494	B75M_100_100$_e$	0.75	0.0	1.0	1.0	1.0	0.5	316	0.207	0.0	1.0	24.6	57.1	−56.5	80.4	315.3	0.75	0.0	1.0	42.7	72.2	−25.6	76.6	340.4	38.7	281	0.207	0.0	1.0	24.6	57.1	−56.5	80.4	315.3
39/575	B88M_100_100$_e$	0.875	0.0	1.0	1.0	1.0	0.5	323	0.37	0.0	1.0	30.3	61.4	−48.0	78.0	321.9	0.875	0.0	1.0	46.8	76.6	−18.4	78.8	346.4	37.1	291	0.37	0.0	1.0	30.3	61.4	−48.0	78.0	321.9
40/656	M00R_100_100$_e$	1.0	0.0	1.0	1.0	1.0	0.5	330	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6	1.0	0.0	1.0	50.5	81.3	−11.8	82.2	351.7	35.7	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
41/655	M13R_100_100$_e$	1.0	0.0	0.875	1.0	1.0	0.5	337	0.647	0.0	1.0	39.3	69.4	−32.0	76.4	335.2	1.0	0.0	0.875	50.4	79.1	−2.9	79.2	357.8	32.6	309	0.647	0.0	1.0	39.3	69.4	−32.0	76.4	335.2
42/654	M25R_100_100$_e$	1.0	0.0	0.75	1.0	1.0	0.5	344	0.78	0.0	1.0	43.6	73.3	−24.0	77.2	341.8	1.0	0.0	0.75	50.2	76.6	5.3	76.8	363.9	30.2	317	0.78	0.0	1.0	43.6	73.3	−24.0	77.2	341.8
43/653	M38R_100_100$_e$	1.0	0.0	0.625	1.0	1.0	0.5	352	0.946	0.0	1.0	48.9	79.4	−14.7	80.7	349.4	1.0	0.0	0.625	50.1	75.0	14.1	76.3	370.6	29.2	327	0.946	0.0	1.0	48.9	79.4	−14.7	80.7	349.4
44/652	M50R_100_100$_e$	1.0	0.0	0.5	1.0	1.0	0.5	360	1.0	0.0	0.992	50.5	81.2	−11.3	82.0	352.0	1.0	0.0	0.5	50.1	73.4	22.6	76.8	377.1	34.9	330	1.0	0.0	0.992	50.5	81.2	−11.3	82.0	352.0
45/651	M63R_100_100$_e$	1.0	0.0	0.375	1.0	1.0	0.5	368	1.0	0.0	0.811	50.3	78.0	1.3	78.0	0.9	1.0	0.0	0.375	49.9	72.4	31.0	78.8	383.2	30.2	340	1.0	0.0	0.811	50.3	78.0	1.3	78.0	0.9
46/650	M75R_100_100$_e$	1.0	0.0	0.25	1.0	1.0	0.5	376	1.0	0.0	0.639	50.1	75.2	13.1	76.4	9.8	1.0	0.0	0.25	49.8	71.1	38.9	81.1	388.6	26.1	350	1.0	0.0	0.639	50.1	75.2	13.1	76.4	9.8
47/649	M88R_100_100$_e$	1.0	0.0	0.125	1.0	1.0	0.5	383	1.0	0.0	0.489	50.1	73.4	23.4	77.0	17.6	1.0	0.0	0.125	49.5	70.0	46.7	84.2	393.7	23.5	360	1.0	0.0	0.489	50.1	73.4	23.4	77.0	17.6
48/648	R00Y_100_100$_e$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4	1.0	0.0	0.0	49.2	68.9	53.4	87.2	397.7	19.3	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
49/0	NW_000$_e$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	54.0	62.4	61.8	87.9	404.7	97.8	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
50/91	NW_013$_e$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	21.8	0.0	0.0	0.0	0.0	0.125	0.125	0.125	11.1	0.0	0.0	0.0	0.0	10.7	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
51/182	NW_025$_e$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	32.5	0.0	0.0	0.0	0.0	0.25	0.25	0.25	17.5	−0.3	3.7	3.7	95.9	15.5	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
52/273	NW_038$_e$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	43.3	0.0	0.0	0.0	0.0	0.375	0.375	0.375	28.6	−0.5	6.5	6.5	94.8	16.0	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
53/364	NW_050$_e$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	54.0	0.0	0.0	0.0	0.0	0.5	0.5	0.5	39.6	−0.9	7.7	7.7	96.8	16.4	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
54/455	NW_063$_e$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	64.7	0.0	0.0	0.0	0.0	0.625	0.625	0.625	51.8	−0.9	7.1	7.2	97.4	14.8	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
55/546	NW_075$_e$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	75.5	0.0	0.0	0.0	0.0	0.75	0.75	0.75	63.1	−0.8	6.2	6.3	97.9	13.8	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
56/637	NW_088$_e$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.2	0.0	0.0	0.0	0.0	0.875	0.875	0.875	75.4	−0.6	4.9	4.9	97.1	11.9	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
57/728	NW_100$_e$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0	1.0	1.0	1.0	86.9	−0.3	2.7	2.8	97.3	10.4	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0

Mean color difference of this page: **delta *E*'* = *25.3***

n/j	HIC*$_{Fe}$	*rgb*$_{Fe}$			*ict*$_{Fe}$			$h_{si\_F,e}$	*rgb**$_{Fe}$			*LabCh**$_{Fe}$					*rgb*'*$_{Fe}$			*LabCh*'*$_{Fe}$				*DE*'*$_{Fe}$	$h_{siM,e}$	*rgb**$_{Me}$			*LabCh**$_{Me}$				
0/648	R00Y_100_100$_e$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4	1.0	0.0	0.0	49.2	68.9	53.4	87.2	37.7	19.3	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
1/666	R25Y_100_100$_e$	1.0	0.25	0.0	1.0	1.0	0.5	44	1.0	0.059	0.0	51.5	66.0	57.5	87.5	41.0	1.0	0.25	0.0	60.1	51.5	70.8	87.6	53.9	21.4	33	1.0	0.059	0.0	51.5	66.0	57.5	87.5	41.0
2/684	R50Y_100_100$_e$	1.0	0.5	0.0	1.0	1.0	0.5	60	1.0	0.317	0.0	63.2	45.1	74.8	87.4	58.8	1.0	0.5	0.0	70.9	28.8	83.5	88.3	70.9	20.0	48	1.0	0.317	0.0	63.2	45.1	74.8	87.4	58.8
3/702	R75Y_100_100$_e$	1.0	0.75	0.0	1.0	1.0	0.5	76	1.0	0.595	0.0	74.6	20.7	87.9	90.3	76.7	1.0	0.75	0.0	80.9	6.8	95.5	95.8	85.9	17.1	66	1.0	0.595	0.0	74.6	20.7	87.9	90.3	76.7
4/720	Y00G_100_100$_e$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3	1.0	1.0	0.0	90.8	−14.0	107.7	108.6	97.4	12.6	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
5/558	Y25G_100_100$_e$	0.75	1.0	0.0	1.0	1.0	0.5	104	0.744	1.0	0.0	80.9	−30.8	91.4	96.5	108.6	0.75	1.0	0.0	81.2	−30.3	91.8	96.7	108.2	0.7	104	0.744	1.0	0.0	80.9	−30.8	91.4	96.5	108.6
6/396	Y50G_100_100$_e$	0.5	1.0	0.0	1.0	1.0	0.5	120	0.451	1.0	0.0	67.3	−53.0	69.6	87.5	127.2	0.5	1.0	0.0	69.4	−49.3	73.0	88.1	124.0	5.3	123	0.451	1.0	0.0	67.3	−53.0	69.6	87.5	127.2
7/234	Y75G_100_100$_e$	0.25	1.0	0.0	1.0	1.0	0.5	136	0.196	1.0	0.0	55.9	−70.6	47.7	85.2	145.9	0.25	1.0	0.0	58.5	−67.1	53.0	85.5	141.6	6.8	139	0.196	1.0	0.0	55.9	−70.6	47.7	85.2	145.9
8/72	G00B_100_100$_e$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2	0.0	1.0	0.0	44.8	−76.5	30.0	82.2	158.5	5.3	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
9/72	G00B_100_100$_e$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2	0.0	1.0	0.0	44.8	−76.5	30.0	82.2	158.5	5.3	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
10/76	G25B_100_100$_e$	0.0	1.0	0.5	1.0	1.0	0.5	180	0.0	1.0	0.438	49.2	−62.7	−10.6	63.6	189.6	0.0	1.0	0.5	49.7	−58.2	−15.9	60.3	195.3	7.0	175	0.0	1.0	0.438	49.2	−62.7	−10.6	63.6	189.6
11/80	G50B_100_100$_e$	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9	0.0	1.0	1.0	53.6	−17.0	−58.8	61.2	253.8	37.2	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9
12/44	G75B_100_100$_e$	0.0	0.5	1.0	1.0	1.0	0.5	240	0.0	1.0	0.917	53.0	−24.8	−51.7	57.3	244.3	0.0	0.5	1.0	38.0	18.7	−68.9	71.4	285.1	49.1	205	0.0	1.0	0.917	53.0	−24.8	−51.7	57.3	244.3
13/8	B00M_100_100$_e$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7	0.0	0.0	1.0	19.3	49.1	−65.5	81.9	306.8	53.8	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
14/332	B25R_100_100$_e$	0.5	0.0	1.0	1.0	1.0	0.5	300	0.0	0.194	1.0	26.3	41.0	−70.5	81.6	300.1	0.5	0.0	1.0	34.8	64.7	−40.4	76.3	328.0	39.2	259	0.0	0.194	1.0	26.3	41.0	−70.5	81.6	300.1
15/656	B50R_100_100$_e$	1.0	0.0	1.0	1.0	1.0	0.5	330	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6	1.0	0.0	1.0	50.5	81.3	−11.8	82.2	351.7	35.7	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
16/652	B75R_100_100$_e$	1.0	0.0	0.5	1.0	1.0	0.5	360	1.0	0.0	0.992	50.5	81.2	−11.3	82.0	352.0	1.0	0.0	0.5	50.1	73.4	22.6	76.8	17.1	34.9	330	1.0	0.0	0.992	50.5	81.2	−11.3	82.0	352.0
17/648	R00Y_100_100$_e$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4	1.0	0.0	0.0	49.2	68.9	53.4	87.2	37.7	19.3	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
18/688	R00Y_100_050$_e$	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.661	73.4	36.0	17.1	39.8	25.4	1.0	0.5	0.5	73.1	30.0	34.0	45.4	48.5	17.9	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
19/706	R50Y_100_050$_e$	1.0	0.75	0.5	1.0	0.5	0.75	60	1.0	0.658	0.5	80.1	22.5	37.4	43.7	58.8	1.0	0.75	0.5	83.7	7.4	44.3	45.0	80.5	17.0	48	1.0	0.317	0.0	63.2	45.1	74.8	87.4	58.8
20/724	Y00G_100_050$_e$	1.0	1.0	0.5	1.0	0.5	0.75	90	1.0	0.94	0.5	91.5	−2.0	50.8	50.8	92.3	1.0	1.0	0.5	93.7	−13.6	55.2	56.9	103.9	12.6	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
21/562	Y50G_100_050$_e$	0.75	1.0	0.5	1.0	0.5	0.75	120	0.725	1.0	0.5	82.1	−26.5	34.8	43.7	127.2	0.75	1.0	0.5	84.3	−31.4	39.9	50.8	128.1	7.4	123	0.451	1.0	0.0	67.3	−53.0	69.6	87.5	127.2
22/400	G00B_100_050$_e$	0.5	1.0	0.5	1.0	0.5	0.75	150	0.5	1.0	0.531	71.4	−39.0	12.5	40.9	162.2	0.5	1.0	0.5	74.0	−50.5	24.9	56.3	153.7	17.1	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
23/404	G50B_100_050$_e$	0.5	1.0	1.0	1.0	0.5	0.75	210	0.5	1.0	0.844	74.1	−21.8	−16.4	27.4	216.9	0.5	1.0	1.0	77.9	−23.5	−28.2	36.7	230.1	12.4	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9
24/368	B00R_100_050$_e$	0.5	0.5	1.0	1.0	0.5	0.75	270	0.5	0.862	1.0	71.1	0.9	−32.6	32.6	271.7	0.5	0.5	1.0	58.7	23.0	−43.5	49.3	297.8	27.6	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
25/692	B50R_100_050$_e$	1.0	0.5	1.0	1.0	0.5	0.75	330	0.756	0.5	1.0	66.1	32.5	−19.8	38.1	328.6	1.0	0.5	1.0	74.7	44.0	−19.9	48.3	335.6	14.3	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
26/688	R00Y_100_050$_e$	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.661	73.4	36.0	17.1	39.8	25.4	1.0	0.5	0.5	73.1	30.0	34.0	45.4	48.5	17.9	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
27/506	R00Y_075_050$_e$	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.411	51.9	36.0	17.1	39.8	25.4	0.75	0.25	0.25	53.1	30.7	33.6	45.6	47.5	17.3	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
28/524	R50Y_075_050$_e$	0.75	0.5	0.25	0.75	0.5	0.5	60	0.75	0.408	0.25	58.6	22.5	37.4	43.7	58.8	0.75	0.5	0.25	64.1	6.6	45.9	46.4	81.7	18.8	48	1.0	0.317	0.0	63.2	45.1	74.8	87.4	58.8
29/542	Y00G_075_050$_e$	0.75	0.75	0.25	0.75	0.5	0.5	90	0.75	0.69	0.25	70.0	−2.0	50.8	50.8	92.3	0.75	0.75	0.25	72.1	−11.4	56.7	57.8	101.3	11.2	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
30/380	Y50G_075_050$_e$	0.5	0.75	0.25	0.75	0.5	0.5	120	0.475	0.75	0.25	60.7	−26.5	34.8	43.7	127.2	0.5	0.75	0.25	63.2	−30.0	40.3	50.3	126.6	7.0	123	0.451	1.0	0.0	67.3	−53.0	69.6	87.5	127.2
31/218	G00B_075_050$_e$	0.25	0.75	0.25	0.75	0.5	0.5	150	0.25	0.75	0.281	49.9	−39.0	12.5	40.9	162.2	0.25	0.75	0.25	52.3	−50.5	23.3	55.6	155.2	15.9	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
32/222	G50B_075_050$_e$	0.25	0.75	0.75	0.75	0.5	0.5	210	0.25	0.75	0.594	52.6	−21.8	−16.4	27.4	216.9	0.25	0.75	0.75	56.7	−26.3	−23.4	35.3	221.6	9.2	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9
33/186	B00R_075_050$_e$	0.25	0.25	0.75	0.75	0.5	0.5	270	0.25	0.612	0.75	49.7	0.9	−32.6	32.6	271.7	0.25	0.25	0.75	38.4	21.1	−37.3	42.9	299.5	23.6	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
34/510	B50R_075_050$_e$	0.75	0.25	0.75	0.75	0.5	0.5	330	0.506	0.25	0.75	44.6	32.5	−19.8	38.1	328.6	0.75	0.25	0.75	55.0	42.1	−13.0	44.1	342.7	15.7	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
35/506	R00Y_075_050$_e$	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.411	51.9	36.0	17.1	39.8	25.4	0.75	0.25	0.25	53.1	30.7	33.6	45.6	47.5	17.3	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
36/324	R00Y_050_050$_e$	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.161	30.5	36.0	17.1	39.8	25.4	0.5	0.0	0.0	29.4	34.3	24.4	42.1	35.4	7.5	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
37/342	R50Y_050_050$_e$	0.5	0.25	0.0	0.5	0.5	0.25	60	0.5	0.158	0.0	37.1	22.5	37.4	43.7	58.8	0.5	0.25	0.0	40.8	9.4	39.3	40.4	76.5	13.7	48	1.0	0.317	0.0	63.2	45.1	74.8	87.4	58.8
38/360	Y00G_050_050$_e$	0.5	0.5	0.0	0.5	0.5	0.25	90	0.5	0.44	0.0	48.5	−2.0	50.8	50.8	92.3	0.5	0.5	0.0	48.9	−7.5	51.2	51.7	98.4	5.5	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
39/198	Y50G_050_050$_e$	0.25	0.5	0.0	0.5	0.5	0.25	120	0.225	0.5	0.0	39.2	−26.5	34.8	43.7	127.2	0.25	0.5	0.0	40.1	−24.8	35.7	43.5	124.7	2.0	123	0.451	1.0	0.0	67.3	−53.0	69.6	87.5	127.2
40/36	G00B_050_050$_e$	0.0	0.5	0.0	0.5	0.5	0.25	150	0.0	0.5	0.031	28.5	−39.0	12.5	40.9	162.2	0.0	0.5	0.0	29.0	−42.0	15.9	44.9	159.2	4.5	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
41/40	G50B_050_050$_e$	0.0	0.5	0.5	0.5	0.5	0.25	210	0.0	0.5	0.344	31.1	−21.8	−16.4	27.4	216.9	0.0	0.5	0.5	31.7	−22.2	−23.5	32.4	226.7	7.1	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9
42/4	B00R_050_050$_e$	0.0	0.0	0.5	0.5	0.5	0.25	270	0.0	0.362	0.5	28.2	0.9	−32.6	32.6	271.7	0.0	0.0	0.5	15.2	20.0	−31.9	37.6	302.0	23.0	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
43/328	B50R_050_050$_e$	0.5	0.0	0.5	0.5	0.5	0.25	330	0.256	0.0	0.5	23.1	32.5	−19.8	38.1	328.6	0.5	0.0	0.5	29.9	41.9	−7.6	42.6	349.6	16.8	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
44/324	R00Y_050_050$_e$	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.161	30.5	36.0	17.1	39.8	25.4	0.5	0.0	0.0	29.4	34.3	24.4	42.1	35.4	7.5	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
45/0	NW_000$_e$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.1	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
46/91	NW_013$_e$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	21.8	0.0	0.0	0.0	0.0	0.125	0.125	0.125	17.5	−0.3	3.7	3.7	95.9	5.7	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
47/182	NW_025$_e$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	32.5	0.0	0.0	0.0	0.0	0.25	0.25	0.25	28.6	−0.5	6.5	6.5	94.8	7.6	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
48/273	NW_038$_e$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	43.3	0.0	0.0	0.0	0.0	0.375	0.375	0.375	39.6	−0.9	7.7	7.7	96.8	8.6	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
49/364	NW_050$_e$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	54.0	0.0	0.0	0.0	0.0	0.5	0.5	0.5	51.8	−0.9	7.1	7.2	97.4	7.5	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
50/455	NW_063$_e$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	64.7	0.0	0.0	0.0	0.0	0.625	0.625	0.625	63.1	−0.8	6.2	6.3	97.9	6.5	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
51/546	NW_075$_e$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	75.5	0.0	0.0	0.0	0.0	0.75	0.75	0.75	75.4	−0.6	4.9	4.9	97.1	4.9	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
52/637	NW_088$_e$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.2	0.0	0.0	0.0	0.0	0.875	0.875	0.875	86.9	−0.3	2.7	2.8	97.3	2.9	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
53/728	NW_100$_e$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0

Mean color difference of this page: **delta *E**' = *14.8***

see similar files: http://farbe.li.tu-berlin.de/ZE15/ZE15.HTM
http://130.149.60.45/~farbmetrik or http://farbe.li.tu-berlin.de

TUB registration: 20160101-ZE15/ZE15L0NP.PDF /.PS
application for measurement of photo printer output, separation rgb (CMYK)
TUB material: code=rha4ta

n=j	HIC*Fe	rgb_Fe			ict_Fe			hsi_F,e	rgb*Fe			LabCh*Fe					rgb*'Fe			LabCh*'Fe					DE*'Fe	hsiM,e	rgb*Me			LabCh*Me				
0	NW_000e	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.1	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1	B00R_012_012e	0.0	0.0	0.125	0.125	0.125	0.062	270	0.0	0.09	0.125	15.4	0.2	−8.1	8.1	271.7	0.0	0.0	0.125	12.9	3.1	−6.1	6.9	297.1	4.3	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
2	B00R_025_025e	0.0	0.0	0.25	0.25	0.25	0.125	270	0.0	0.181	0.25	19.6	0.4	−16.3	16.3	271.7	0.0	0.0	0.25	14.4	8.0	−14.6	16.6	298.7	9.3	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
3	B00R_037_037e	0.0	0.0	0.375	0.375	0.375	0.187	270	0.0	0.272	0.375	23.9	0.7	−24.4	24.4	271.7	0.0	0.0	0.375	15.1	13.2	−22.8	26.4	300.1	15.4	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
4	B00R_050_050e	0.0	0.0	0.5	0.5	0.5	0.25	270	0.0	0.362	0.5	28.2	0.9	−32.6	32.6	271.7	0.0	0.0	0.5	15.2	20.0	−31.9	37.6	302.0	23.0	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
5	B00R_062_062e	0.0	0.0	0.625	0.625	0.625	0.312	270	0.0	0.453	0.625	32.5	1.2	−40.7	40.8	271.7	0.0	0.0	0.625	16.6	27.9	−41.3	49.8	304.0	31.0	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
6	B00R_075_075e	0.0	0.0	0.75	0.75	0.75	0.375	270	0.0	0.544	0.75	36.7	1.4	−48.9	48.9	271.7	0.0	0.0	0.75	18.4	35.2	−50.5	61.6	304.8	38.4	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
7	B00R_087_087e	0.0	0.0	0.875	0.875	0.875	0.437	270	0.0	0.635	0.875	41.0	1.7	−57.1	57.1	271.7	0.0	0.0	0.875	19.2	42.3	−59.2	72.7	305.5	46.1	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
8	B00R_100_100e	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7	0.0	0.0	1.0	19.3	49.1	−65.5	81.9	306.8	53.8	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
9	G00B_012_012e	0.0	0.125	0.0	0.125	0.125	0.062	150	0.0	0.125	0.007	15.4	−9.7	3.1	10.2	162.2	0.0	0.125	0.0	15.9	−9.1	4.0	10.0	156.1	1.1	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
10	G50B_012_012e	0.0	0.125	0.125	0.125	0.125	0.062	210	0.0	0.125	0.086	16.1	−5.4	−4.1	6.8	216.9	0.0	0.125	0.125	15.7	−6.4	−2.3	6.8	200.4	2.0	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9
11	G75B_025_025e	0.0	0.125	0.25	0.25	0.25	0.125	240	0.0	0.25	0.229	21.5	−6.2	−12.9	14.3	244.3	0.0	0.125	0.25	17.7	−3.9	−12.0	12.6	251.7	4.5	205	0.0	1.0	0.917	53.0	−24.8	−51.7	57.3	244.3
12	G84B_037_037e	0.0	0.125	0.375	0.375	0.375	0.187	251	0.0	0.371	0.375	26.9	−6.1	−22.1	22.9	254.3	0.0	0.125	0.375	18.8	1.9	−21.9	22.0	275.0	11.4	210	0.0	0.991	1.0	53.3	−16.4	−59.0	61.3	254.3
13	G88B_050_050e	0.0	0.125	0.5	0.5	0.5	0.25	256	0.0	0.461	0.5	31.1	−5.9	−30.3	30.9	258.9	0.0	0.125	0.5	20.2	8.8	−31.6	32.8	285.6	18.4	214	0.0	0.922	1.0	51.2	−11.8	−60.7	61.9	258.9
14	G90B_062_062e	0.0	0.125	0.625	0.625	0.625	0.312	259	0.0	0.55	0.625	35.4	−5.6	−38.5	38.9	261.6	0.0	0.125	0.625	21.9	17.4	−41.9	45.4	292.5	26.9	216	0.0	0.881	1.0	50.0	−8.9	−61.6	62.2	261.6
15	G92B_075_075e	0.0	0.125	0.75	0.75	0.75	0.375	261	0.0	0.639	0.75	39.6	−5.3	−46.7	47.0	263.5	0.0	0.125	0.75	23.6	26.6	−51.9	58.3	297.1	36.0	217	0.0	0.852	1.0	49.1	−7.0	−62.3	62.7	263.5
16	G93B_087_087e	0.0	0.125	0.875	0.875	0.875	0.437	262	0.0	0.733	0.875	44.0	−5.3	−54.8	55.1	264.4	0.0	0.125	0.875	23.7	36.4	−61.9	71.8	300.4	47.0	218	0.0	0.838	1.0	48.7	−6.1	−62.6	62.9	264.4
17	G94B_100_100e	0.0	0.125	1.0	1.0	1.0	0.5	263	0.0	0.824	1.0	48.3	−5.1	−63.0	63.2	265.3	0.0	0.125	1.0	23.6	45.5	−70.0	83.5	303.0	56.8	219	0.0	0.824	1.0	48.3	−5.1	−63.0	63.2	265.3
18	G00B_025_025e	0.0	0.25	0.0	0.25	0.25	0.125	150	0.0	0.25	0.015	19.8	−19.5	6.2	20.4	162.2	0.0	0.25	0.0	20.2	−21.9	8.3	23.4	159.2	3.2	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
19	G25B_025_025e	0.0	0.25	0.125	0.25	0.25	0.125	180	0.0	0.25	0.109	20.6	−15.6	−2.6	15.9	189.6	0.0	0.25	0.125	20.6	−19.2	0.2	19.2	179.3	4.5	175	0.0	1.0	0.438	49.2	−62.7	−10.6	63.6	189.6
20	G50B_025_025e	0.0	0.25	0.25	0.25	0.25	0.125	210	0.0	0.25	0.172	21.1	−10.9	−8.2	13.7	216.9	0.0	0.25	0.25	20.8	−14.7	−9.0	17.3	211.5	3.8	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9
21	G65B_037_037e	0.0	0.25	0.375	0.375	0.375	0.187	229	0.0	0.375	0.312	26.5	−11.9	−16.7	20.5	234.3	0.0	0.25	0.375	22.4	−9.5	−19.5	21.7	243.9	5.5	200	0.0	1.0	0.832	52.3	−31.9	−44.5	54.8	234.3
22	G75B_050_050e	0.0	0.25	0.5	0.5	0.5	0.25	240	0.0	0.5	0.458	32.0	−12.4	−25.8	28.6	244.3	0.0	0.25	0.5	24.2	−2.0	−29.7	29.8	265.9	13.4	205	0.0	1.0	0.917	53.0	−24.8	−51.7	57.3	244.3
23	G80B_062_062e	0.0	0.25	0.625	0.625	0.625	0.312	247	0.0	0.625	0.608	37.5	−12.3	−35.4	37.5	250.7	0.0	0.25	0.625	26.8	5.8	−39.9	40.4	278.3	21.6	208	0.0	1.0	0.973	53.4	−19.7	−56.6	60.0	250.7
24	G84B_075_075e	0.0	0.25	0.75	0.75	0.75	0.375	251	0.0	0.743	0.75	42.8	−12.3	−44.3	45.9	254.3	0.0	0.25	0.75	28.8	15.6	−50.9	53.2	287.0	32.0	210	0.0	0.991	1.0	53.3	−16.4	−59.0	61.3	254.3
25	G86B_087_087e	0.0	0.25	0.875	0.875	0.875	0.437	254	0.0	0.831	0.875	46.9	−12.0	−52.6	53.9	257.1	0.0	0.25	0.875	29.4	26.2	−61.8	67.1	292.9	43.0	212	0.0	0.949	1.0	52.1	−13.7	−60.1	61.6	257.1
26	G88B_100_100e	0.0	0.25	1.0	1.0	1.0	0.5	256	0.0	0.922	1.0	51.2	−11.8	−60.7	61.9	258.9	0.0	0.25	1.0	28.5	37.4	−70.8	80.1	297.8	55.2	214	0.0	0.922	1.0	51.2	−11.8	−60.7	61.9	258.9
27	G00B_037_037e	0.0	0.375	0.0	0.375	0.375	0.187	150	0.0	0.375	0.023	24.1	−29.2	9.3	30.7	162.2	0.0	0.375	0.0	24.1	−32.4	12.0	34.5	159.5	4.1	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
28	G15B_037_037e	0.0	0.375	0.125	0.375	0.375	0.187	169	0.0	0.375	0.119	25.0	−26.3	0.2	26.3	179.5	0.0	0.375	0.125	24.7	−30.7	3.7	30.9	172.9	5.6	168	0.0	1.0	0.318	48.1	−70.2	0.5	70.2	179.5
29	G34B_037_037e	0.0	0.375	0.25	0.375	0.375	0.187	191	0.0	0.375	0.202	25.7	−20.8	−7.4	22.1	199.6	0.0	0.375	0.25	25.3	−25.8	−6.3	26.6	193.7	5.1	182	0.0	1.0	0.538	50.0	−55.5	−19.8	59.0	199.6
30	G50B_037_037e	0.0	0.375	0.375	0.375	0.375	0.187	210	0.0	0.375	0.258	26.1	−16.4	−12.3	20.5	216.9	0.0	0.375	0.375	25.9	−19.8	−16.2	25.6	219.3	5.1	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9
31	G61B_050_050e	0.0	0.375	0.5	0.5	0.5	0.25	224	0.0	0.5	0.397	31.5	−17.5	−20.7	27.1	229.7	0.0	0.375	0.5	28.0	−12.5	−26.9	29.7	244.9	8.7	198	0.0	1.0	0.794	52.0	−35.1	−41.5	54.3	229.7
32	G69B_062_062e	0.0	0.375	0.625	0.625	0.625	0.312	233	0.0	0.625	0.539	37.0	−18.3	−29.2	34.5	237.9	0.0	0.375	0.625	30.7	−4.2	−37.3	37.5	263.5	17.3	202	0.0	1.0	0.862	52.5	−29.3	−46.8	55.2	237.9
33	G75B_075_075e	0.0	0.375	0.75	0.75	0.75	0.375	240	0.0	0.75	0.688	42.5	−18.6	−38.8	43.0	244.3	0.0	0.375	0.75	33.0	5.5	−48.6	48.9	276.5	27.7	205	0.0	1.0	0.917	53.0	−24.8	−51.7	57.3	244.3
34	G79B_087_087e	0.0	0.375	0.875	0.875	0.875	0.437	245	0.0	0.875	0.837	48.0	−18.6	−48.3	51.8	248.9	0.0	0.375	0.875	33.8	16.7	−60.1	62.4	285.5	39.9	207	0.0	1.0	0.957	53.3	−21.3	−55.2	59.2	248.9
35	G81B_100_100e	0.0	0.375	1.0	1.0	1.0	0.5	248	0.0	1.0	0.981	53.4	−18.9	−57.3	60.3	251.6	0.0	0.375	1.0	33.5	27.5	−70.1	75.3	291.4	52.2	209	0.0	1.0	0.981	53.4	−18.9	−57.3	60.3	251.6
36	G00B_050_050e	0.0	0.5	0.0	0.5	0.5	0.25	150	0.0	0.5	0.031	28.5	−39.0	12.5	40.9	162.2	0.0	0.5	0.0	29.0	−42.0	15.9	44.9	159.2	4.5	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
37	G11B_050_050e	0.0	0.5	0.125	0.5	0.5	0.25	164	0.0	0.5	0.128	29.3	−36.7	3.2	36.9	175.0	0.0	0.5	0.125	29.3	−41.4	6.8	42.0	170.5	5.9	164	0.0	1.0	0.256	47.6	−73.5	6.4	73.8	175.0
38	G25B_050_050e	0.0	0.5	0.25	0.5	0.5	0.25	180	0.0	0.5	0.219	30.1	−31.3	−5.3	31.8	189.6	0.0	0.5	0.25	30.3	−36.0	−3.7	36.2	185.9	4.9	175	0.0	1.0	0.438	49.2	−62.7	−10.6	63.6	189.6
39	G38B_050_050e	0.0	0.5	0.375	0.5	0.5	0.25	196	0.0	0.5	0.29	30.7	−26.2	−11.7	28.7	204.2	0.0	0.5	0.375	31.1	−29.2	−14.5	32.6	206.4	4.1	185	0.0	1.0	0.58	50.4	−52.4	−23.5	57.5	204.2
40	G50B_050_050e	0.0	0.5	0.5	0.5	0.5	0.25	210	0.0	0.5	0.344	31.1	−21.8	−16.4	27.4	216.9	0.0	0.5	0.5	31.7	−22.2	−23.5	32.4	226.7	7.1	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9
41	G59B_062_062e	0.0	0.5	0.625	0.625	0.625	0.312	221	0.0	0.625	0.482	36.5	−23.0	−24.7	33.7	227.0	0.0	0.5	0.625	34.8	−13.9	−34.5	37.2	247.9	13.4	197	0.0	1.0	0.772	51.8	−36.8	−39.5	54.0	227.0
42	G65B_075_075e	0.0	0.5	0.75	0.75	0.75	0.375	229	0.0	0.75	0.624	42.0	−23.9	−33.4	41.1	234.3	0.0	0.5	0.75	37.1	−4.0	−46.3	46.4	264.9	24.2	200	0.0	1.0	0.832	52.3	−31.9	−44.5	54.8	234.3
43	G70B_087_087e	0.0	0.5	0.875	0.875	0.875	0.437	235	0.0	0.875	0.767	47.5	−24.4	−41.9	48.5	239.7	0.0	0.5	0.875	38.3	6.8	−58.3	58.7	276.7	36.5	203	0.0	1.0	0.877	52.7	−27.9	−47.9	55.5	239.7
44	G75B_100_100e	0.0	0.5	1.0	1.0	1.0	0.5	240	0.0	1.0	0.917	53.0	−24.8	−51.7	57.3	244.3	0.0	0.5	1.0	38.0	18.7	−68.9	71.4	285.1	49.1	205	0.0	1.0	0.917	53.0	−24.8	−51.7	57.3	244.3
45	G00B_062_062e	0.0	0.625	0.0	0.625	0.625	0.312	150	0.0	0.625	0.038	32.8	−48.7	15.6	51.2	162.2	0.0	0.625	0.0	34.1	−51.1	19.5	54.7	159.0	4.7	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
46	G09B_062_062e	0.0	0.625	0.125	0.625	0.625	0.312	161	0.0	0.625	0.135	33.8	−47.1	6.4	47.6	172.2	0.0	0.625	0.125	34.7	−50.7	9.4	51.5	169.4	4.7	161	0.0	1.0	0.217	47.4	−75.4	10.2	76.1	172.2
47	G19B_062_062e	0.0	0.625	0.25	0.625	0.625	0.312	173	0.0	0.625	0.23	34.5	−42.0	−2.3	42.0	183.2	0.0	0.625	0.25	35.8	−46.0	−1.1	46.0	181.4	4.3	171	0.0	1.0	0.368	48.6	−67.2	−3.7	67.3	183.2
48	G30B_062_062e	0.0	0.625	0.375	0.625	0.625	0.312	187	0.0	0.625	0.316	35.3	−36.1	−10.3	37.6	195.9	0.0	0.625	0.375	36.8	−38.4	−12.0	40.2	197.3	3.2	180	0.0	1.0	0.505	49.8	−57.8	−16.5	60.1	195.9
49	G40B_062_062e	0.0	0.625	0.5	0.625	0.625	0.312	199	0.0	0.625	0.378	35.8	−31.5	−16.0	35.4	206.9	0.0	0.625	0.5	37.4	−30.8	−22.0	37.8	215.5	6.2	186	0.0	1.0	0.605	50.6	−50.4	−25.6	56.6	206.9
50	G50B_062_062e	0.0	0.625	0.625	0.625	0.625	0.312	210	0.0	0.625	0.431	36.1	−27.3	−20.6	34.2	216.9	0.0	0.625	0.625	38.2	−23.0	−31.1	38.7	233.5	11.5	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9
51	G57B_075_075e	0.0	0.625	0.75	0.75	0.75	0.375	219	0.0	0.75	0.567	41.5	−28.4	−28.6	40.4	225.1	0.0	0.625	0.75	40.9	−13.8	−43.3	45.4	252.2	20.6	196	0.0	1.0	0.757	51.6	−37.9	−38.2	53.8	225.1
52	G63B_087_087e	0.0	0.625	0.875	0.875	0.875	0.437	226	0.0	0.875	0.708	47.0	−29.6	−37.4	47.7	231.5	0.0	0.625	0.875	42.4	−2.8	−55.8	55.9	267.0	32.8	199	0.0	1.0	0.809	52.1	−33.9	−42.7	54.5	231.5
53	G68B_100_100e	0.0	0.625	1.0	1.0	1.0	0.5	232	0.0	1.0	0.854	52.5	−29.9	−46.2	55.1	237.0	0.0	0.625	1.0	41.8	9.9	−67.2	68.0	278.4	46.3	202	0.0	1.0	0.854	52.5	−29.9	−46.2	55.1	237.0
54	G00B_075_075e	0.0	0.75	0.0	0.75	0.75	0.375	150	0.0	0.75	0.046	37.1	−58.5	18.7	61.4	162.2	0.0	0.75	0.0	39.0	−60.5	22.5	64.5	159.5	4.6	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
55	G07B_075_075e	0.0	0.75	0.125	0.75	0.75	0.375	159	0.0	0.75	0.142	38.2	−57.4	9.6	58.3	170.4	0.0	0.75	0.125	39.9	−60.1	11.0	61.1	169.5	3.3	160	0.0	1.0	0.19	47.2	−76.6	12.9	77.7	170.4
56	G15B_075_075e	0.0	0.75	0.25	0.75	0.75	0.375	169	0.0	0.75	0.238	38.9	−52.6	0.4	52.6	179.5	0.0	0.75	0.25	40.9	−55.7	0.5	55.7	179.4	3.7	168	0.0	1.0	0.318	48.1	−70.2	0.5	70.2	179.5
57	G25B_075_075e	0.0	0.75	0.375	0.75	0.75	0.375	180	0.0	0.75	0.328	39.7	−47.0	−7.9	47.7	189.6	0.0	0.75	0.375	42.2	−48.1	−10.7	49.3	192.5	3.9	175	0.0	1.0	0.438	49.2	−62.7	−10.6	63.6	189.6
58	G34B_075_075e	0.0	0.75	0.5	0.75	0.75	0.375	191	0.0	0.75	0.404	40.3	−41.6	−14.8	44.2	199.6	0.0	0.75	0.5	43.0	−39.7	−21.2	45.0	208.1	7.1	182	0.0	1.0	0.538	50.0	−55.5	−19.8	59.0	199.6
59	G42B_075_075e	0.0	0.75	0.625	0.75	0.75	0.375	201	0.0	0.75	0.466	40.8	−36.8	−20.2	42.0	208.7	0.0	0.75	0.625	43.7	−31.5	−30.5	43.9	224.0	11.9	188	0.0	1.0	0.621	50.7	−49.1	−26.9	56.0	208.7
60	G50B_075_075e	0.0	0.75	0.75	0.75	0.75	0.375	210	0.0	0.75	0.517	41.2	−32.8	−24.7	41.1	216.9	0.0	0.75	0.75	44.4	−22.8	−40.2	46.3	240.3	18.7	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9
61	G56B_087_087e	0.0	0.75	0.875	0.875	0.875	0.437	218	0.0	0.875	0.655	46.5	−33.6	−32.8	47.0	224.2	0.0	0.75	0.875	46.0	−11.9	−52.8	54.2	257.2	29.5	196	0.0	1.0	0.749	51.6	−38.5	−37.5	53.7	224.2
62	G61B_100_100e	0.0	0.75	1.0	1.0	1.0	0.5	224	0.0	1.0	0.794	52.0	−35.1	−41.5	54.3	229.7	0.0	0.75	1.0	46.1	0.1	−64.6	64.6	270.1	42.6	198	0.0	1.0	0.794	52.0	−35.1	−41.5	54.3	229.7
63	G00B_087_087e	0.0	0.875	0.0	0.875	0.875	0.437	150	0.0	0.875	0.054	41.5	−68.2	21.8	71.7	162.2	0.0	0.875	0.0	42.6	−69.8	26.0	74.5	159.5	4.5	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
64	G06B_087_087e	0.0	0.875	0.125	0.875	0.875	0.437	158	0.0	0.875	0.155	42.6	−67.5	12.4	68.7	169.5	0.0	0.875	0.125	43.7	−69.2	13.9	70.6	168.6	2.5	159	0.0	1.0	0.177	47.1	−77.2	14.2	78.5	169.5
65	G13B_087_087e	0.0	0.875	0.25	0.875	0.875	0.437	166	0.0	0.875	0.246	43.2	−63.2	3.5	63.3	176.8	0.0	0.875	0.25	44.7	−64.9	2.7	65.0	177.5	2.4	165	0.0	1.0	0.281	47.8	−72.2	4.0	72.4	176.8
66	G20B_087_087e	0.0	0.875	0.375	0.875	0.875	0.437	175	0.0	0.875	0.34	44.0	−57.6	−5.0	57.8	185.0	0.0	0.875	0.375	45.9	−58.4	−7.9	59.0	187.7	3.4	172	0.0	1.0	0.389	48.7	−65.9	−5.8	66.1	185.0
67	G29B_087_087e	0.0	0.875	0.5	0.875	0.875	0.437	185	0.0	0.875	0.426	44.8	−51.8	−13.0	53.4	194.1	0.0	0.875	0.5	47.1	−49.5	−19.4	53.2	201.3	7.0	179	0.0	1.0	0.487	49.6	−59.2	−14.9	61.0	194.1
68	G36B_087_087e	0.0	0.875	0.625	0.875	0.875	0.437	194	0.0	0.875	0.493	45.4	−47.0	−19.3	50.8	202.3	0.0	0.875	0.625	47.9	−39.9	−30.0	50.0	216.9	13.0	184	0.0	1.0	0.563	50.3	−53.7	−22.1	58.1	202.3
69	G43B_087_087e	0.0	0.875	0.75	0.875	0.875	0.437	202	0.0	0.875	0.55	45.8	−42.4	−24.2	48.8	209.6	0.0	0.875	0.75	48.6	−30.6	−39.6	50.1	232.2	19.6	188	0.0	1.0	0.629	50.8	−48.5	−27.6	55.8	209.6
70	G50B_087_087e	0.0	0.875	0.875	0.875	0.875	0.437	210	0.0	0.875	0.603	46.2	−38.3	−28.8	47.9	216.9	0.0	0.875	0.875	49.5	−20.7	−49.9	54.0	247.3	27.5	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9
71	G55B_100_100e	0.0	0.875	1.0	1.0	1.0	0.5	217	0.0	1.0	0.742	51.5	−39.1	−37.0	53.9	223.3	0.0	0.875	1.0	49.8	−8.5	−61.7	62.3	262.1	39.3	195	0.0	1.0	0.742	51.5	−39.1	−37.0	53.9	223.3
72	G00B_100_100e	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2	0.0	1.0	0.0	44.8	−76.5	30.0	82.2	158.5	5.3	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
73	G05B_100_100e	0.0	1.0	0.125	1.0	1.0	0.5	157	0.0	1.0	0.164	47.1	−77.7	15.6	79.3	168.6	0.0	1.0	0.125	46.8	−79.1	19.8	81.6	165.9	4.4	158	0.0	1.0	0.164	47.1	−77.7	15.6	79.3	168.6
74	G11B_100_100e	0.0	1.0	0.25	1.0	1.0	0.5	164	0.0	1.0	0.256	47.6	−73.5	6.4	73.8	175.0	0.0	1.0	0.25	47.5	−73.8	7.0	74.2	174.5	0.7	164	0.0	1.0	0.256	47.6	−73.5	6.4	73.8	175.0
75	G18B_100_100e	0.0	1.0	0.375	1.0	1.0	0.5	172	0.0	1.0	0.355	48.5	−67.9	−2.7	68.0	182.3	0.0	1.0	0.375	48.6	−66.7	−4.3	66.9	183.7	2.0	170	0.0	1.0	0.355	48.5	−67.9	−2.7	68.0	182.3
76	G25B_100_100e	0.0	1.0	0.5	1.0	1.0	0.5	180	0.0	1.0	0.438	49.2	−62.7	−10.6	63.6	189.6	0.0	1.0	0.5	49.7	−58.2	−15.9	60.3	195.3	7.0	175	0.0	1.0	0.438	49.2	−62.7	−10.6	63.6	189.6
77	G31B_100_100e	0.0	1.0	0.625	1.0	1.0	0.5	188	0.0	1.0	0.514	49.8	−57.3	−17.4	59.8	196.9	0.0	1.0	0.625	50.8	−48.8	−27.2	55.9	209.1	12.9	180	0.0	1.0	0.514	49.8	−57.3	−17.4	59.8	196.9
78	G38B_100_100e	0.0	1.0	0.75	1.0	1.0	0.5	196	0.0	1.0	0.58	50.4	−52.4	−23.5	57.5	204.2	0.0	1.0	0.75	51.6	−38.4	−37.5	53.7	224.3	19.8	185	0.0	1.0	0.58	50.4	−52.4	−23.5	57.5	204.2
79	G44B_100_100e	0.0	1.0	0.875	1.0	1.0	0.5	203	0.0	1.0	0.637	50.9	−47.9	−28.3	55.7	210.5	0.0	1.0	0.875	52.6	−28.1	−47.7	55.4	239.4	27.7	188	0.0	1.0	0.637	50.9	−47.9	−28.3	55.7	210.5
80	G50B_100_100e	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9	0.0	1.0	1.0	53.6	−17.0	−58.8	61.2	253.8	37.2	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9

Mean color difference of this page: delta $E^{*'}$ = *17.5*

TUB-test chart ZE15; test chart G of CIE R8−09:2015
colors and differences, $\Delta E^{*'}$, 3D=0, de=1, *RGB*

input: *rgb/cmyk* −> rgb_e
output: transfer to rgb_e

n	HIC*Fe	rgb_Fe			ict_Fe			hsi_F,e	rgb*Fe			LabCh*Fe					rgb*'Fe			LabCh*'Fe					DE*'Fe	hsiM,e	rgb*Me			LabCh*Me				
81	R00Y_012_012e	0.125	0.0	0.0	0.125	0.125	0.062	390	0.125	0.0	0.04	15.9	9.0	4.2	9.9	25.4	0.125	0.0	0.0	15.8	6.2	5.9	8.6	43.4	3.1	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
82	B50R_012_012e	0.125	0.0	0.125	0.125	0.125	0.062	330	0.064	0.0	0.125	14.1	8.1	−4.9	9.5	328.6	0.125	0.0	0.125	15.5	7.6	−0.2	7.6	357.8	4.9	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
83	B25R_025_025e	0.125	0.0	0.25	0.25	0.25	0.125	300	0.0	0.048	0.25	14.9	10.2	−17.6	20.4	300.1	0.125	0.0	0.25	17.6	14.3	−8.1	16.5	330.5	10.7	259	0.0	0.194	1.0	26.3	41.0	−70.5	81.6	300.1
84	B15R_037_037e	0.125	0.0	0.375	0.375	0.375	0.187	289	0.0	0.153	0.375	20.0	9.4	−26.2	27.8	289.7	0.125	0.0	0.375	18.9	19.8	−16.4	25.7	320.3	14.3	245	0.0	0.409	1.0	34.8	25.1	−69.9	74.3	289.7
85	B11R_050_050e	0.125	0.0	0.5	0.5	0.5	0.25	284	0.0	0.251	0.5	24.6	9.2	−34.4	35.6	285.0	0.125	0.0	0.5	19.3	26.5	−25.3	36.7	316.2	20.2	239	0.0	0.503	1.0	38.1	18.4	−68.9	71.3	285.0
86	B09R_062_062e	0.125	0.0	0.625	0.625	0.625	0.312	281	0.0	0.347	0.625	29.0	9.2	−42.7	43.6	282.1	0.125	0.0	0.625	20.7	33.7	−34.4	48.2	314.3	27.1	236	0.0	0.555	1.0	39.7	14.7	−68.3	69.9	282.1
87	B07R_075_075e	0.125	0.0	0.75	0.75	0.75	0.375	279	0.0	0.442	0.75	33.4	9.2	−50.8	51.7	280.2	0.125	0.0	0.75	22.3	41.1	−44.1	60.3	313.0	34.4	234	0.0	0.59	1.0	40.8	12.2	−67.8	68.9	280.2
88	B06R_087_087e	0.125	0.0	0.875	0.875	0.875	0.437	278	0.0	0.532	0.875	37.5	9.7	−59.1	59.9	279.3	0.125	0.0	0.875	23.1	47.5	−53.0	71.2	311.8	40.9	232	0.0	0.608	1.0	41.3	11.0	−67.5	68.4	279.3
89	B05R_100_100e	0.125	0.0	1.0	1.0	1.0	0.5	277	0.0	0.625	1.0	41.9	9.9	−67.2	67.9	278.3	0.125	0.0	1.0	21.5	54.8	−60.8	81.9	312.0	49.7	231	0.0	0.625	1.0	41.9	9.9	−67.2	67.9	278.3
90	Y00G_012_012e	0.125	0.125	0.0	0.125	0.125	0.062	90	0.125	0.11	0.0	20.4	−0.5	12.7	12.7	92.3	0.125	0.125	0.0	18.8	−1.9	11.0	11.2	99.7	2.7	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
91	NW_012e	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	21.8	0.0	0.0	0.0	0.0	0.125	0.125	0.125	17.5	−0.3	3.7	3.7	95.9	5.7	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
92	B00R_025_012e	0.125	0.125	0.25	0.25	0.125	0.187	270	0.124	0.215	0.25	26.1	0.2	−8.1	8.1	271.7	0.125	0.125	0.25	20.1	3.9	−7.0	8.0	299.5	7.1	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
93	B00R_037_025e	0.125	0.125	0.375	0.375	0.25	0.25	270	0.124	0.306	0.375	30.4	0.4	−16.3	16.3	271.7	0.125	0.125	0.375	22.0	8.7	−15.7	18.0	299.1	11.7	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
94	B00R_050_037e	0.125	0.125	0.5	0.5	0.375	0.312	270	0.124	0.397	0.5	34.6	0.7	−24.4	24.4	271.7	0.125	0.125	0.5	23.9	14.4	−25.0	28.9	299.9	17.4	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
95	B00R_062_050e	0.125	0.125	0.625	0.625	0.5	0.375	270	0.124	0.487	0.625	38.9	0.9	−32.6	32.6	271.7	0.125	0.125	0.625	26.2	21.9	−35.1	41.4	301.9	24.6	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
96	B00R_075_062e	0.125	0.125	0.75	0.75	0.625	0.437	270	0.124	0.578	0.75	43.2	1.2	−40.7	40.8	271.7	0.125	0.125	0.75	27.6	31.0	−46.1	55.6	303.9	34.0	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
97	B00R_087_075e	0.125	0.125	0.875	0.875	0.75	0.5	270	0.124	0.669	0.875	47.5	1.4	−48.9	48.9	271.7	0.125	0.125	0.875	28.6	39.7	−55.9	68.6	305.3	43.2	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
98	B00R_100_087e	0.125	0.125	1.0	1.0	0.875	0.562	270	0.125	0.76	1.0	51.8	1.7	−57.1	57.1	271.7	0.125	0.125	1.0	27.0	49.0	−65.3	81.6	306.8	54.0	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
99	Y50G_025_025e	0.125	0.25	0.0	0.25	0.25	0.125	120	0.112	0.25	0.0	25.1	−13.2	17.4	21.8	127.2	0.125	0.25	0.0	25.2	−12.5	17.9	21.8	124.9	0.8	123	0.451	1.0	0.0	67.3	−53.0	69.6	87.5	127.2
100	G00B_025_012e	0.125	0.25	0.125	0.25	0.125	0.187	150	0.124	0.25	0.132	26.2	−9.7	3.1	10.2	162.2	0.125	0.25	0.125	24.4	−13.5	10.2	16.9	142.8	8.2	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
101	G50B_025_012e	0.125	0.25	0.25	0.25	0.125	0.187	210	0.124	0.25	0.211	26.8	−5.4	−4.1	6.8	216.9	0.125	0.25	0.25	24.6	−8.9	−1.3	9.0	188.4	4.9	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9
102	G75B_037_025e	0.125	0.25	0.375	0.375	0.25	0.25	240	0.124	0.375	0.354	32.3	−6.2	−12.9	14.3	244.3	0.125	0.25	0.375	26.6	−4.9	−12.1	13.1	247.7	5.8	205	0.0	1.0	0.917	53.0	−24.8	−51.7	57.3	244.3
103	G84B_050_037e	0.125	0.25	0.5	0.5	0.375	0.312	251	0.124	0.496	0.5	37.6	−6.1	−22.1	22.9	254.3	0.125	0.25	0.5	28.7	1.3	−22.0	22.1	273.4	11.6	210	0.0	0.991	1.0	53.3	−16.4	−59.0	61.3	254.3
104	G88B_062_050e	0.125	0.25	0.625	0.625	0.5	0.375	256	0.124	0.586	0.625	41.9	−5.9	−30.3	30.9	258.9	0.125	0.25	0.625	31.5	8.0	−32.4	33.4	283.9	17.5	214	0.0	0.922	1.0	51.2	−11.8	−60.7	61.9	258.9
105	G90B_075_062e	0.125	0.25	0.75	0.75	0.625	0.437	259	0.125	0.675	0.75	46.1	−5.6	−38.5	38.9	261.6	0.125	0.25	0.75	33.7	17.1	−44.0	47.2	291.3	26.5	216	0.0	0.881	1.0	50.0	−8.9	−61.6	62.2	261.6
106	G92B_087_075e	0.125	0.25	0.875	0.875	0.75	0.5	261	0.125	0.764	0.875	50.4	−5.3	−46.7	47.0	263.5	0.125	0.25	0.875	34.2	27.6	−55.5	62.0	296.4	37.7	217	0.0	0.852	1.0	49.1	−7.0	−62.3	62.7	263.5
107	G93B_100_087e	0.125	0.25	1.0	1.0	0.875	0.562	262	0.125	0.858	1.0	54.7	−5.3	−54.8	55.1	264.4	0.125	0.25	1.0	32.9	38.3	−65.8	76.2	300.2	50.0	218	0.0	0.838	1.0	48.7	−6.1	−62.6	62.9	264.4
108	Y68G_037_037e	0.125	0.375	0.0	0.375	0.375	0.187	131	0.101	0.375	0.0	29.2	−24.6	20.6	32.1	140.0	0.125	0.375	0.0	29.7	−24.4	22.0	32.9	137.9	1.5	134	0.271	1.0	0.0	59.5	−65.7	55.0	85.7	140.0
109	G00B_037_025e	0.125	0.375	0.125	0.375	0.25	0.25	150	0.124	0.375	0.14	30.5	−19.5	6.2	20.4	162.2	0.125	0.375	0.125	29.2	−25.3	13.9	28.9	151.3	9.7	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
110	G25B_037_025e	0.125	0.375	0.25	0.375	0.25	0.25	180	0.124	0.375	0.234	31.3	−15.6	−2.6	15.9	189.6	0.125	0.375	0.25	30.0	−21.1	3.2	21.3	171.3	8.1	175	0.0	1.0	0.438	49.2	−62.7	−10.6	63.6	189.6
111	G50B_037_025e	0.125	0.375	0.375	0.375	0.25	0.25	210	0.124	0.375	0.297	31.8	−10.9	−8.2	13.7	216.9	0.125	0.375	0.375	30.8	−16.1	−7.8	17.9	205.9	5.3	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9
112	G65B_050_037e	0.125	0.375	0.5	0.5	0.375	0.312	229	0.124	0.5	0.437	37.3	−11.9	−16.7	20.5	234.3	0.125	0.375	0.5	32.7	−11.0	−18.8	21.8	239.4	5.0	200	0.0	1.0	0.832	52.3	−31.9	−44.5	54.8	234.3
113	G75B_062_050e	0.125	0.375	0.625	0.625	0.5	0.375	240	0.125	0.625	0.583	42.8	−12.4	−25.8	28.6	244.3	0.125	0.375	0.625	35.7	−3.6	−29.5	29.7	262.9	11.8	205	0.0	1.0	0.917	53.0	−24.8	−51.7	57.3	244.3
114	G80B_075_062e	0.125	0.375	0.75	0.75	0.625	0.437	247	0.125	0.75	0.733	48.2	−12.3	−35.4	37.5	250.7	0.125	0.375	0.75	38.2	4.4	−41.6	41.8	276.0	20.5	208	0.0	1.0	0.973	53.4	−19.7	−56.6	60.0	250.7
115	G84B_087_075e	0.125	0.375	0.875	0.875	0.75	0.5	251	0.125	0.868	0.875	53.5	−12.3	−44.3	45.9	254.3	0.125	0.375	0.875	39.5	14.6	−53.6	55.6	285.3	31.8	210	0.0	0.991	1.0	53.3	−16.4	−59.0	61.3	254.3
116	G86B_100_087e	0.125	0.375	1.0	1.0	0.875	0.562	254	0.125	0.956	1.0	57.7	−12.0	−52.6	53.9	257.1	0.125	0.375	1.0	38.3	26.8	−64.8	70.1	292.4	45.1	212	0.0	0.949	1.0	52.1	−13.7	−60.1	61.6	257.1
117	Y76G_050_050e	0.125	0.5	0.0	0.5	0.5	0.25	136	0.098	0.5	0.0	33.5	−35.3	23.8	42.6	145.9	0.125	0.5	0.0	34.2	−35.1	26.7	44.1	142.6	2.9	139	0.196	1.0	0.0	55.9	−70.6	47.7	85.2	145.9
118	G00B_050_037e	0.125	0.5	0.125	0.5	0.375	0.312	150	0.124	0.5	0.148	34.8	−29.2	9.3	30.7	162.2	0.125	0.5	0.125	34.2	−36.9	17.5	40.8	154.5	11.2	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
119	G15B_050_037e	0.125	0.5	0.25	0.5	0.375	0.312	169	0.124	0.5	0.244	35.7	−26.3	0.2	26.3	179.5	0.125	0.5	0.25	35.3	−33.0	6.8	33.7	168.2	9.4	168	0.0	1.0	0.318	48.1	−70.2	0.5	70.2	179.5
120	G34B_050_037e	0.125	0.5	0.375	0.5	0.375	0.312	191	0.124	0.5	0.327	36.4	−20.8	−7.4	22.1	199.6	0.125	0.5	0.375	36.0	−27.8	−4.4	28.1	188.9	7.6	182	0.0	1.0	0.538	50.0	−55.5	−19.8	59.0	199.6
121	G50B_050_037e	0.125	0.5	0.5	0.5	0.375	0.312	210	0.124	0.5	0.383	36.9	−16.4	−12.3	20.5	216.9	0.125	0.5	0.5	36.5	−21.9	−14.9	26.5	214.2	6.1	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9
122	G61B_062_050e	0.125	0.5	0.625	0.625	0.5	0.375	224	0.125	0.625	0.522	42.3	−17.5	−20.7	27.1	229.7	0.125	0.5	0.625	39.7	−15.0	−26.6	30.6	240.6	6.9	198	0.0	1.0	0.794	52.0	−35.1	−41.5	54.3	229.7
123	G69B_075_062e	0.125	0.5	0.75	0.75	0.625	0.437	233	0.125	0.75	0.664	47.7	−18.3	−29.2	34.5	237.9	0.125	0.5	0.75	42.5	−6.0	−38.8	39.2	261.0	16.3	202	0.0	1.0	0.862	52.5	−29.3	−46.8	55.2	237.9
124	G75B_087_075e	0.125	0.5	0.875	0.875	0.75	0.5	240	0.125	0.875	0.813	53.2	−18.6	−38.8	43.0	244.3	0.125	0.5	0.875	43.7	3.9	−51.5	51.7	274.3	27.5	205	0.0	1.0	0.917	53.0	−24.8	−51.7	57.3	244.3
125	G79B_100_087e	0.125	0.5	1.0	1.0	0.875	0.562	245	0.125	1.0	0.962	58.7	−18.6	−48.3	51.8	248.9	0.125	0.5	1.0	42.6	16.4	−63.6	65.7	284.5	41.5	207	0.0	1.0	0.957	53.3	−21.3	−55.2	59.2	248.9
126	Y81G_062_062e	0.125	0.625	0.0	0.625	0.625	0.312	139	0.095	0.625	0.0	37.8	−45.7	27.0	53.1	149.4	0.125	0.625	0.0	39.7	−46.1	30.9	55.6	146.1	4.4	141	0.152	1.0	0.0	53.8	−73.2	43.2	85.0	149.4
127	G00B_062_050e	0.125	0.625	0.125	0.625	0.5	0.375	150	0.125	0.625	0.156	39.2	−39.0	12.5	40.9	162.2	0.125	0.625	0.125	39.5	−48.4	20.9	52.8	156.5	12.6	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
128	G11B_062_050e	0.125	0.625	0.25	0.625	0.5	0.375	164	0.125	0.625	0.253	40.1	−36.7	3.2	36.9	175.0	0.125	0.625	0.25	41.0	−44.6	9.9	45.7	167.4	10.4	164	0.0	1.0	0.256	47.6	−73.5	6.4	73.8	175.0
129	G25B_062_050e	0.125	0.625	0.375	0.625	0.5	0.375	180	0.125	0.625	0.344	40.9	−31.3	−5.3	31.8	189.6	0.125	0.625	0.375	42.0	−38.9	−2.3	39.0	183.4	8.2	175	0.0	1.0	0.438	49.2	−62.7	−10.6	63.6	189.6
130	G38B_062_050e	0.125	0.625	0.5	0.625	0.5	0.375	196	0.125	0.625	0.415	41.5	−26.2	−11.7	28.7	204.2	0.125	0.625	0.5	43.0	−32.2	−12.7	34.7	201.6	6.2	185	0.0	1.0	0.58	50.4	−52.4	−23.5	57.5	204.2
131	G50B_062_050e	0.125	0.625	0.625	0.625	0.5	0.375	210	0.125	0.625	0.469	41.9	−21.8	−16.4	27.4	216.9	0.125	0.625	0.625	43.5	−26.0	−23.1	34.8	221.6	8.0	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9
132	G59B_075_062e	0.125	0.625	0.75	0.75	0.625	0.437	221	0.125	0.75	0.607	47.2	−23.0	−24.7	33.7	227.0	0.125	0.625	0.75	46.4	−17.1	−35.8	39.7	244.3	12.5	197	0.0	1.0	0.772	51.8	−36.8	−39.5	54.0	227.0
133	G65B_087_075e	0.125	0.625	0.875	0.875	0.75	0.5	229	0.125	0.875	0.749	52.7	−23.9	−33.4	41.1	234.3	0.125	0.625	0.875	48.0	−6.8	−48.7	49.2	261.9	23.4	200	0.0	1.0	0.832	52.3	−31.9	−44.5	54.8	234.3
134	G70B_100_087e	0.125	0.625	1.0	1.0	0.875	0.562	235	0.125	1.0	0.892	58.2	−24.4	−41.9	48.5	239.7	0.125	0.625	1.0	46.9	5.1	−61.3	61.6	274.8	37.1	203	0.0	1.0	0.877	52.7	−27.9	−47.9	55.5	239.7
135	Y85G_075_075e	0.125	0.75	0.0	0.75	0.75	0.375	141	0.092	0.75	0.0	42.0	−56.0	30.1	63.6	151.7	0.125	0.75	0.0	45.6	−55.9	35.2	66.1	147.8	6.2	143	0.122	1.0	0.0	52.3	−74.7	40.1	84.8	151.7
136	G00B_075_062e	0.125	0.75	0.125	0.75	0.625	0.437	150	0.125	0.75	0.163	43.5	−48.7	15.6	51.2	162.2	0.125	0.75	0.125	45.3	−58.8	24.2	63.6	157.6	13.3	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
137	G09B_075_062e	0.125	0.75	0.25	0.75	0.625	0.437	161	0.125	0.75	0.26	44.5	−47.1	6.4	47.6	172.2	0.125	0.75	0.25	46.4	−55.7	11.9	57.0	167.9	10.3	161	0.0	1.0	0.217	47.4	−75.4	10.2	76.1	172.2
138	G19B_075_062e	0.125	0.75	0.375	0.75	0.625	0.437	173	0.125	0.75	0.355	45.2	−42.0	−2.3	42.0	183.2	0.125	0.75	0.375	47.9	−49.6	−0.1	49.6	180.2	8.4	171	0.0	1.0	0.368	48.6	−67.2	−3.7	67.3	183.2
139	G30B_075_062e	0.125	0.75	0.5	0.75	0.625	0.437	187	0.125	0.75	0.441	46.0	−36.1	−10.3	37.6	195.9	0.125	0.75	0.5	49.0	−42.6	−11.0	44.0	194.5	7.1	180	0.0	1.0	0.505	49.8	−57.8	−16.5	60.1	195.9
140	G40B_075_062e	0.125	0.75	0.625	0.75	0.625	0.437	199	0.125	0.75	0.503	46.5	−31.5	−16.0	35.4	206.9	0.125	0.75	0.625	49.8	−35.1	−22.1	41.5	212.2	7.8	186	0.0	1.0	0.605	50.6	−50.4	−25.6	56.6	206.9
141	G50B_075_062e	0.125	0.75	0.75	0.75	0.625	0.437	210	0.125	0.75	0.556	46.9	−27.3	−20.6	34.2	216.9	0.125	0.75	0.75	50.6	−27.6	−32.1	42.4	229.2	12.1	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9
142	G57B_087_075e	0.125	0.75	0.875	0.875	0.75	0.5	219	0.125	0.875	0.692	52.2	−28.4	−28.6	40.4	225.1	0.125	0.75	0.875	51.8	−17.0	−45.7	48.8	249.5	20.5	196	0.0	1.0	0.757	51.6	−37.9	−38.2	53.8	225.1
143	G63B_100_087e	0.125	0.75	1.0	1.0	0.875	0.562	226	0.125	1.0	0.833	57.7	−29.6	−37.4	47.7	231.5	0.125	0.75	1.0	51.0	−5.2	−58.9	59.2	264.8	33.2	199	0.0	1.0	0.809	52.1	−33.9	−42.7	54.5	231.5
144	Y86G_087_087e	0.125	0.875	0.0	0.875	0.875	0.437	142	0.089	0.875	0.0	46.0	−65.7	33.6	73.8	152.9	0.125	0.875	0.0	49.7	−66.5	38.6	76.9	149.8	6.2	144	0.102	1.0	0.0	51.0	−75.1	38.4	84.4	152.9
145	G00B_087_075e	0.125	0.875	0.125	0.875	0.75	0.5	150	0.125	0.875	0.171	47.9	−58.5	18.7	61.4	162.2	0.125	0.875	0.125	49.8	−68.7	27.1	73.8	158.4	13.3	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
146	G07B_087_075e	0.125	0.875	0.25	0.875	0.75	0.5	159	0.125	0.875	0.267	48.9	−57.4	9.6	58.3	170.4	0.125	0.875	0.25	50.6	−66.9	16.0	68.8	166.5	11.5	160	0.0	1.0	0.19	47.2	−76.6	12.9	77.7	170.4
147	G15B_087_075e	0.125	0.875	0.375	0.875	0.75	0.5	169	0.125	0.875	0.363	49.6	−52.6	0.4	52.6	179.5	0.125	0.875	0.375	52.2	−61.3	3.9	61.4	176.2	9.7	168	0.0	1.0	0.318	48.1	−70.2	0.5	70.2	179.5
148	G25B_087_075e	0.125	0.875	0.5	0.875	0.75	0.5	180	0.125	0.875	0.453	50.4	−47.0	−7.9	47.7	189.6	0.125	0.875	0.5	53.5	−53.3	−9.3	54.1	189.8	7.1	175	0.0	1.0	0.438	49.2	−62.7	−10.6	63.6	189.6
149	G34B_087_075e	0.125	0.875	0.625	0.875	0.75	0.5	191	0.125	0.875	0.529	51.0	−41.6	−14.8	44.2	199.6	0.125	0.875	0.625	54.7	−45.0	−20.5	49.4	204.5	7.5	182	0.0	1.0	0.538	50.0	−55.5	−19.8	59.0	199.6
150	G42B_087_075e	0.125	0.875	0.75	0.875	0.75	0.5	201	0.125	0.875	0.591	51.6	−36.8	−20.2	42.0	208.7	0.125	0.875	0.75	55.5	−36.7	−31.1	48.1	220.3	11.6	188	0.0	1.0	0.621	50.7	−49.1	−26.9	56.0	208.7
151	G50B_087_075e	0.125	0.875	0.875	0.875	0.75	0.5	210	0.125	0.875	0.642	51.9	−32.8	−24.7	41.1	216.9	0.125	0.875	0.875	56.4	−27.6	−42.2	50.4	236.8	18.8	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9
152	G56B_100_087e	0.125	0.875	1.0	1.0	0.875	0.562	218	0.125	1.0	0.78	57.2	−33.6	−32.8	47.0	224.2	0.125	0.875	1.0	55.2	−15.7	−56.2	58.4	254.4	29.6	196	0.0	1.0	0.749	51.6	−38.5	−37.5	53.7	224.2
153	Y88G_100_100e	0.125	1.0	0.0	1.0	1.0	0.5	143	0.081	1.0	0.0	49.7	−75.5	36.7	83.9	154.0	0.125	1.0	0.0	52.4	−74.6	40.3	84.8	151.6	4.5	145	0.081	1.0	0.0	49.7	−75.5	36.7	83.9	154.0
154	G00B_100_087e	0.125	1.0	0.125	1.0	0.875	0.562	150	0.125	1.0	0.179	52.2	−68.2	21.8	71.7	162.2	0.125	1.0	0.125	51.6	−77.2	33.0	83.9	156.8	14.3	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
155	G06B_100_087e	0.125	1.0	0.25	1.0	0.875	0.562	158	0.125	1.0	0.28	53.4	−67.5	12.4	68.7	169.5	0.125	1.0	0.25	52.0	−76.8	19.6	79.3	165.6	11.7	159	0.0	1.0	0.177	47.1	−77.2	14.2	78.5	169.5
156	G13B_100_087e	0.125	1.0	0.375	1.0	0.875	0.562	166	0.125	1.0	0.371	54.0	−63.2	3.5	63.3	176.8	0.125	1.0	0.375	53.4	−71.0	6.0	71.2	175.1	8.1	165	0.0	1.0	0.281	47.8	−72.2	4.0	72.4	176.8
157	G20B_100_087e	0.125	1.0	0.5	1.0	0.875	0.562	175	0.125	1.0	0.465	54.8	−57.6	−5.0	57.8	185.0	0.125	1.0	0.5	54.8	−64.0	−5.3	64.2	184.7	6.3	172	0.0	1.0	0.389	48.7	−65.9	−5.8	66.1	185.0
158	G29B_100_087e	0.125	1.0	0.625	1.0	0.875	0.562	185	0.125	1.0	0.551	55.5	−51.8	−13.0	53.4	194.1	0.125	1.0	0.625	56.4	−55.2	−17.9	58.0	197.9	5.9	179	0.0	1.0	0.487	49.6	−59.2	−14.9	61.0	194.1
159	G36B_100_087e	0.125	1.0	0.75	1.0	0.875	0.562	194	0.125	1.0	0.618	56.1	−47.0	−19.3	50.8	202.3	0.125	1.0	0.75	57.5	−46.0	−29.7	54.7	212.8	10.4	184	0.0	1.0	0.563	50.3	−53.7	−22.1	58.1	202.3
160	G43B_100_087e	0.125	1.0	0.875	1.0	0.875	0.562	202	0.125	1.0	0.675	56.6	−42.4	−24.2	48.8	209.6	0.125	1.0	0.875	58.4	−36.9	−40.9	55.1	227.8	17.7	188	0.0	1.0	0.629	50.8	−48.5	−27.6	55.8	209.6
161	G50B_100_087e	0.125	1.0	1.0	1.0	0.875	0.562	210	0.125	1.0	0.728	56.9	−38.3	−28.8	47.9	216.9	0.125	1.0	1.0	59.3	−26.1	−53.0	59.1	243.7	27.2	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9

Mean color difference of this page: delta $E^{*\prime}$ = *16.0*

see similar files: http://farbe.li.tu-berlin.de/ZE15/ZE15.HTM
http://130.149.60.45/~farbmetrik or http://farbe.li.tu-berlin.de

TUB registration: 20160101-ZE15/ZE15L0NP.PDF /.PS
application for measurement of photo printer output, separation rgb (CMYK)
TUB material: code=rha4ta

TUB-test chart ZE15; test chart G of CIE R8−09:2015
colors and differences, $\Delta E^{*\prime}$, 3D=0, de=1, *RGB*
input: *rgb/cmyk* −> *rgb*$_e$
output: transfer to *rgb*$_e$

n	HIC*$_{Fe}$	rgb_$_{Fe}$			ict_$_{Fe}$			$h_{si\_F,e}$	rgb*$_{Fe}$			LabCh*$_{Fe}$					rgb*'$_{Fe}$			LabCh*'$_{Fe}$					DE*'$_{Fe}$	$h_{siM,e}$	rgb*$_{Me}$			LabCh*$_{Me}$				
162	R00Y_025_025e	0.25	0.0	0.0	0.25	0.25	0.125	390	0.25	0.0	0.08	20.8	18.0	8.5	19.9	25.4	0.25	0.0	0.0	20.8	15.2	11.8	19.2	37.7	4.2	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
163	R00Y_025_025e	0.25	0.0	0.125	0.25	0.25	0.125	360	0.25	0.0	0.248	20.9	20.3	−2.8	20.5	352.0	0.25	0.0	0.125	20.8	16.8	5.5	17.7	18.2	9.0	330	1.0	0.0	0.992	50.5	81.2	−11.3	82.0	352.0
164	B50R_025_025e	0.25	0.0	0.25	0.25	0.25	0.125	330	0.128	0.0	0.25	17.1	16.2	−9.9	19.0	328.6	0.25	0.0	0.25	20.8	19.3	−3.0	19.6	351.1	8.4	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
165	B34R_037_037e	0.25	0.0	0.375	0.375	0.375	0.187	311	0.033	0.0	0.375	14.8	19.9	−23.3	30.7	310.5	0.25	0.0	0.375	22.2	26.1	−10.8	28.3	337.4	15.8	274	0.09	0.0	1.0	20.9	53.3	−62.2	81.9	310.5
166	B25R_050_050e	0.25	0.0	0.5	0.5	0.5	0.25	300	0.0	0.097	0.5	18.7	20.5	−35.2	40.8	300.1	0.25	0.0	0.5	23.5	32.5	−18.8	37.5	329.9	20.9	259	0.0	0.194	1.0	26.3	41.0	−70.5	81.6	300.1
167	B19R_062_062e	0.25	0.0	0.625	0.625	0.625	0.312	293	0.0	0.209	0.625	24.1	19.1	−44.0	48.0	293.5	0.25	0.0	0.625	24.9	39.2	−28.0	48.2	324.5	25.7	250	0.0	0.334	1.0	31.9	30.7	−70.5	76.9	293.5
168	B15R_075_075e	0.25	0.0	0.75	0.75	0.75	0.375	289	0.0	0.306	0.75	28.8	18.8	−52.4	55.7	289.7	0.25	0.0	0.75	26.5	45.6	−37.6	59.2	320.4	30.7	245	0.0	0.409	1.0	34.8	25.1	−69.9	74.3	289.7
169	B13R_087_087e	0.25	0.0	0.875	0.875	0.875	0.437	286	0.0	0.407	0.875	33.5	18.4	−60.7	63.4	286.9	0.25	0.0	0.875	27.0	52.6	−46.6	70.3	318.4	37.5	242	0.0	0.465	1.0	36.8	21.0	−69.3	72.5	286.9
170	B11R_100_100e	0.25	0.0	1.0	1.0	1.0	0.5	284	0.0	0.503	1.0	38.1	18.4	−68.9	71.3	285.0	0.25	0.0	1.0	26.2	58.2	−54.2	79.6	317.0	44.0	239	0.0	0.503	1.0	38.1	18.4	−68.9	71.3	285.0
171	R50Y_025_025e	0.25	0.125	0.0	0.25	0.25	0.125	60	0.25	0.079	0.0	24.1	11.2	18.7	21.8	58.8	0.25	0.125	0.0	25.6	3.7	19.1	19.4	78.8	7.6	48	1.0	0.317	0.0	63.2	45.1	74.8	87.4	58.8
172	R00Y_025_012e	0.25	0.125	0.125	0.25	0.125	0.187	390	0.25	0.124	0.165	26.7	9.0	4.2	9.9	25.4	0.25	0.125	0.125	24.4	7.4	12.1	14.2	58.4	8.3	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
173	B50R_025_012e	0.25	0.125	0.25	0.25	0.125	0.187	330	0.189	0.124	0.25	24.8	8.1	−4.9	9.5	328.6	0.25	0.125	0.25	24.4	9.6	0.9	9.6	5.3	6.0	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
174	B25R_037_025e	0.25	0.125	0.375	0.375	0.25	0.25	300	0.124	0.173	0.375	25.6	10.2	−17.6	20.4	300.1	0.25	0.125	0.375	26.3	15.4	−9.0	17.9	329.7	10.1	259	0.0	0.194	1.0	26.3	41.0	−70.5	81.6	300.1
175	B15R_050_037e	0.25	0.125	0.5	0.5	0.375	0.312	289	0.124	0.278	0.5	30.7	9.4	−26.2	27.8	289.7	0.25	0.125	0.5	28.5	20.8	−18.2	27.6	318.8	14.1	245	0.0	0.409	1.0	34.8	25.1	−69.9	74.3	289.7
176	B11R_062_050e	0.25	0.125	0.625	0.625	0.5	0.375	284	0.125	0.376	0.625	35.3	9.2	−34.4	35.6	285.0	0.25	0.125	0.625	30.8	27.5	−28.3	39.5	314.1	19.8	239	0.0	0.503	1.0	38.1	18.4	−68.9	71.3	285.0
177	B09R_075_062e	0.25	0.125	0.75	0.75	0.625	0.437	281	0.125	0.472	0.75	39.7	9.2	−42.7	43.6	282.1	0.25	0.125	0.75	32.6	35.2	−39.1	52.6	311.9	27.1	236	0.0	0.555	1.0	39.7	14.7	−68.3	69.9	282.1
178	B07R_087_075e	0.25	0.125	0.875	0.875	0.75	0.5	279	0.125	0.567	0.875	44.1	9.2	−50.8	51.7	280.2	0.25	0.125	0.875	32.9	44.0	−49.8	66.5	311.4	36.5	234	0.0	0.59	1.0	40.8	12.2	−67.8	68.9	280.2
179	B06R_100_087e	0.25	0.125	1.0	1.0	0.875	0.562	278	0.125	0.657	1.0	48.3	9.7	−59.1	59.9	279.3	0.25	0.125	1.0	31.6	52.1	−59.5	79.1	311.2	45.6	232	0.0	0.608	1.0	41.3	11.0	−67.5	68.4	279.3
180	Y00G_025_025e	0.25	0.25	0.0	0.25	0.25	0.125	90	0.25	0.22	0.0	29.8	−1.0	25.4	25.4	92.3	0.25	0.25	0.0	29.1	−4.1	24.4	24.8	99.5	3.3	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
181	Y00G_025_012e	0.25	0.25	0.125	0.25	0.125	0.187	90	0.25	0.235	0.124	31.2	−0.5	12.7	12.7	92.3	0.25	0.25	0.125	29.0	−3.6	19.4	19.7	100.6	7.7	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
182	NW_025e	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	32.5	0.0	0.0	0.0	0.0	0.25	0.25	0.25	28.6	−0.5	6.5	6.5	94.8	7.6	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
183	B00R_037_012e	0.25	0.25	0.375	0.375	0.125	0.312	270	0.249	0.34	0.375	36.8	0.2	−8.1	8.1	271.7	0.25	0.25	0.375	31.2	2.4	−4.4	5.1	299.0	7.1	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
184	B00R_050_025e	0.25	0.25	0.5	0.5	0.25	0.375	270	0.249	0.431	0.5	41.1	0.4	−16.3	16.3	271.7	0.25	0.25	0.5	32.9	8.0	−15.6	17.6	297.3	11.1	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
185	B00R_062_037e	0.25	0.25	0.625	0.625	0.375	0.437	270	0.25	0.522	0.625	45.4	0.7	−24.4	24.4	271.7	0.25	0.25	0.625	36.1	13.4	−25.8	29.1	297.5	15.7	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
186	B00R_075_050e	0.25	0.25	0.75	0.75	0.5	0.5	270	0.25	0.612	0.75	49.7	0.9	−32.6	32.6	271.7	0.25	0.25	0.75	38.4	21.1	−37.3	42.9	299.5	23.6	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
187	B00R_087_062e	0.25	0.25	0.875	0.875	0.625	0.562	270	0.25	0.703	0.875	53.9	1.2	−40.7	40.8	271.7	0.25	0.25	0.875	39.2	31.1	−49.0	58.0	302.4	34.3	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
188	B00R_100_075e	0.25	0.25	1.0	1.0	0.75	0.625	270	0.25	0.794	1.0	58.2	1.4	−48.9	48.9	271.7	0.25	0.25	1.0	37.9	40.9	−59.8	72.5	304.3	45.6	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
189	Y31G_037_037e	0.25	0.375	0.0	0.375	0.375	0.187	109	0.242	0.375	0.0	35.4	−14.2	31.4	34.5	114.4	0.25	0.375	0.0	34.9	−13.9	30.8	33.8	114.4	0.8	110	0.647	1.0	0.0	76.0	−38.1	83.8	92.1	114.4
190	Y50G_037_025e	0.25	0.375	0.125	0.375	0.25	0.25	120	0.237	0.375	0.124	35.9	−13.2	17.4	21.8	127.2	0.25	0.375	0.125	35.3	−14.7	24.4	28.5	121.1	7.1	123	0.451	1.0	0.0	67.3	−53.0	69.6	87.5	127.2
191	G00B_037_012e	0.25	0.375	0.25	0.375	0.125	0.312	150	0.249	0.375	0.257	36.9	−9.7	3.1	10.2	162.2	0.25	0.375	0.25	35.3	−12.7	13.8	18.7	132.6	11.2	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
192	G50B_037_012e	0.25	0.375	0.375	0.375	0.125	0.312	210	0.249	0.375	0.336	37.6	−5.4	−4.1	6.8	216.9	0.25	0.375	0.375	35.7	−8.1	0.5	8.1	176.1	5.7	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9
193	G75B_050_025e	0.25	0.375	0.5	0.5	0.25	0.375	240	0.249	0.5	0.479	43.0	−6.2	−12.9	14.3	244.3	0.25	0.375	0.5	38.7	−4.6	−10.6	11.5	246.4	5.1	205	0.0	1.0	0.917	53.0	−24.8	−51.7	57.3	244.3
194	G84B_062_037e	0.25	0.375	0.625	0.625	0.375	0.437	251	0.25	0.621	0.625	48.4	−6.1	−22.1	22.9	254.3	0.25	0.375	0.625	40.7	1.1	−22.5	22.5	272.8	10.6	210	0.0	0.991	1.0	53.3	−16.4	−59.0	61.3	254.3
195	G88B_075_050e	0.25	0.375	0.75	0.75	0.5	0.5	256	0.25	0.711	0.75	52.6	−5.9	−30.3	30.9	258.9	0.25	0.375	0.75	43.6	8.2	−34.3	35.3	283.4	17.2	214	0.0	0.922	1.0	51.2	−11.8	−60.7	61.9	258.9
196	G90B_087_062e	0.25	0.375	0.875	0.875	0.625	0.562	259	0.25	0.8	0.875	56.8	−5.6	−38.5	38.9	261.6	0.25	0.375	0.875	44.6	17.6	−46.6	49.8	290.7	27.5	216	0.0	0.881	1.0	50.0	−8.9	−61.6	62.2	261.6
197	G92B_100_075e	0.25	0.375	1.0	1.0	0.75	0.625	261	0.25	0.889	1.0	61.1	−5.3	−46.7	47.0	263.5	0.25	0.375	1.0	43.8	28.4	−58.2	64.8	296.0	39.6	217	0.0	0.852	1.0	49.1	−7.0	−62.3	62.7	263.5
198	Y50G_050_050e	0.25	0.5	0.0	0.5	0.5	0.25	120	0.225	0.5	0.0	39.2	−26.5	34.8	43.7	127.2	0.25	0.5	0.0	40.1	−24.8	35.7	43.5	124.7	2.0	123	0.451	1.0	0.0	67.3	−53.0	69.6	87.5	127.2
199	Y68G_050_037e	0.25	0.5	0.125	0.5	0.375	0.312	131	0.226	0.5	0.124	40.0	−24.6	20.6	32.1	140.0	0.25	0.5	0.125	39.9	−26.8	27.3	38.3	134.4	7.0	134	0.271	1.0	0.0	59.5	−65.7	55.0	85.7	140.0
200	G00B_050_025e	0.25	0.5	0.25	0.5	0.25	0.375	150	0.249	0.5	0.265	41.2	−19.5	6.2	20.4	162.2	0.25	0.5	0.25	40.7	−25.1	17.0	30.4	145.9	12.2	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
201	G25B_050_025e	0.25	0.5	0.375	0.5	0.25	0.375	180	0.249	0.5	0.359	42.1	−15.6	−2.6	15.9	189.6	0.25	0.5	0.375	41.7	−20.4	5.1	21.1	165.8	9.1	175	0.0	1.0	0.438	49.2	−62.7	−10.6	63.6	189.6
202	G50B_050_025e	0.25	0.5	0.5	0.5	0.25	0.375	210	0.249	0.5	0.422	42.6	−10.9	−8.2	13.7	216.9	0.25	0.5	0.5	42.5	−14.9	−6.0	16.1	202.0	4.5	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9
203	G65B_062_037e	0.25	0.5	0.625	0.625	0.375	0.437	229	0.25	0.625	0.562	48.0	−11.9	−16.7	20.5	234.3	0.25	0.5	0.625	45.5	−11.1	−18.2	21.4	238.4	3.0	200	0.0	1.0	0.832	52.3	−31.9	−44.5	54.8	234.3
204	G75B_075_050e	0.25	0.5	0.75	0.75	0.5	0.5	240	0.25	0.75	0.708	53.5	−12.4	−25.8	28.6	244.3	0.25	0.5	0.75	47.9	−3.3	−31.5	31.7	264.0	12.1	205	0.0	1.0	0.917	53.0	−24.8	−51.7	57.3	244.3
205	G80B_087_062e	0.25	0.5	0.875	0.875	0.625	0.562	247	0.25	0.875	0.858	59.0	−12.3	−35.4	37.5	250.7	0.25	0.5	0.875	49.4	5.5	−44.0	44.4	277.1	22.0	208	0.0	1.0	0.973	53.4	−19.7	−56.6	60.0	250.7
206	G84B_100_075e	0.25	0.5	1.0	1.0	0.75	0.625	251	0.25	0.993	1.0	64.2	−12.3	−44.3	45.9	254.3	0.25	0.5	1.0	48.5	16.9	−56.5	58.9	286.6	35.4	210	0.0	0.991	1.0	53.3	−16.4	−59.0	61.3	254.3
207	Y61G_062_062e	0.25	0.625	0.0	0.625	0.625	0.312	127	0.208	0.625	0.0	43.1	−38.4	37.8	53.9	135.4	0.25	0.625	0.0	45.6	−36.5	40.3	54.4	132.1	4.0	130	0.333	1.0	0.0	62.3	−61.4	60.5	86.2	135.4
208	Y76G_062_050e	0.25	0.625	0.125	0.625	0.5	0.375	136	0.223	0.625	0.125	44.2	−35.3	23.8	42.6	145.9	0.25	0.625	0.125	45.5	−39.7	30.4	50.0	142.5	7.9	139	0.196	1.0	0.0	55.9	−70.6	47.7	85.2	145.9
209	G00B_062_037e	0.25	0.625	0.25	0.625	0.375	0.437	150	0.25	0.625	0.273	45.6	−29.2	9.3	30.7	162.2	0.25	0.625	0.25	46.5	−37.8	20.0	42.8	152.0	13.7	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
210	G15B_062_037e	0.25	0.625	0.375	0.625	0.375	0.437	169	0.25	0.625	0.369	46.4	−26.3	0.2	26.3	179.5	0.25	0.625	0.375	47.6	−32.9	7.8	33.8	166.6	10.1	168	0.0	1.0	0.318	48.1	−70.2	0.5	70.2	179.5
211	G34B_062_037e	0.25	0.625	0.5	0.625	0.375	0.437	191	0.25	0.625	0.452	47.2	−20.8	−7.4	22.1	199.6	0.25	0.625	0.5	48.6	−27.2	−3.9	27.5	188.2	7.4	182	0.0	1.0	0.538	50.0	−55.5	−19.8	59.0	199.6
212	G50B_062_037e	0.25	0.625	0.625	0.625	0.375	0.437	210	0.25	0.625	0.508	47.6	−16.4	−12.3	20.5	216.9	0.25	0.625	0.625	49.3	−21.4	−14.3	25.7	213.7	5.6	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9
213	G61B_075_050e	0.25	0.625	0.75	0.75	0.5	0.5	224	0.25	0.75	0.647	53.0	−17.5	−20.7	27.1	229.7	0.25	0.625	0.75	52.5	−15.2	−27.5	31.4	240.9	7.1	198	0.0	1.0	0.794	52.0	−35.1	−41.5	54.3	229.7
214	G69B_087_062e	0.25	0.625	0.875	0.875	0.625	0.562	233	0.25	0.875	0.789	58.5	−18.3	−29.2	34.5	237.9	0.25	0.625	0.875	53.8	−6.0	−41.2	41.6	261.6	17.7	202	0.0	1.0	0.862	52.5	−29.3	−46.8	55.2	237.9
215	G75B_100_075e	0.25	0.625	1.0	1.0	0.75	0.625	240	0.25	1.0	0.938	64.0	−18.6	−38.8	43.0	244.3	0.25	0.625	1.0	53.0	4.9	−54.3	54.5	275.2	30.2	205	0.0	1.0	0.917	53.0	−24.8	−51.7	57.3	244.3
216	Y68G_075_075e	0.25	0.75	0.0	0.75	0.75	0.375	131	0.203	0.75	0.0	47.4	−49.3	41.2	64.3	140.0	0.25	0.75	0.0	51.4	−47.8	45.0	65.7	136.7	5.6	134	0.271	1.0	0.0	59.5	−65.7	55.0	85.7	140.0
217	Y81G_075_062e	0.25	0.75	0.125	0.75	0.625	0.437	139	0.22	0.75	0.125	48.5	−45.7	27.0	53.1	149.4	0.25	0.75	0.125	51.3	−51.7	34.4	62.1	146.3	9.8	141	0.152	1.0	0.0	53.8	−73.2	43.2	85.0	149.4
218	G00B_075_050e	0.25	0.75	0.25	0.75	0.5	0.5	150	0.25	0.75	0.281	49.9	−39.0	12.5	40.9	162.2	0.25	0.75	0.25	52.3	−50.5	23.3	55.6	155.2	15.9	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
219	G11B_075_050e	0.25	0.75	0.375	0.75	0.5	0.5	164	0.25	0.75	0.378	50.8	−36.7	3.2	36.9	175.0	0.25	0.75	0.375	53.7	−45.5	10.5	46.7	167.0	11.7	164	0.0	1.0	0.256	47.6	−73.5	6.4	73.8	175.0
220	G25B_075_050e	0.25	0.75	0.5	0.75	0.5	0.5	180	0.25	0.75	0.469	51.6	−31.3	−5.3	31.8	189.6	0.25	0.75	0.5	54.9	−39.2	−1.5	39.2	182.3	9.3	175	0.0	1.0	0.438	49.2	−62.7	−10.6	63.6	189.6
221	G38B_075_050e	0.25	0.75	0.625	0.75	0.5	0.5	196	0.25	0.75	0.54	52.2	−26.2	−11.7	28.7	204.2	0.25	0.75	0.625	55.9	−32.9	−12.5	35.2	200.8	7.7	185	0.0	1.0	0.58	50.4	−52.4	−23.5	57.5	204.2
222	G50B_075_050e	0.25	0.75	0.75	0.75	0.5	0.5	210	0.25	0.75	0.594	52.6	−21.8	−16.4	27.4	216.9	0.25	0.75	0.75	56.7	−26.3	−23.4	35.3	221.6	9.2	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9
223	G59B_087_062e	0.25	0.75	0.875	0.875	0.625	0.562	221	0.25	0.875	0.732	58.0	−23.0	−24.7	33.7	227.0	0.25	0.75	0.875	58.2	−17.3	−37.6	41.4	245.2	14.0	197	0.0	1.0	0.772	51.8	−36.8	−39.5	54.0	227.0
224	G65B_100_075e	0.25	0.75	1.0	1.0	0.75	0.625	229	0.25	1.0	0.874	63.4	−23.9	−33.4	41.1	234.3	0.25	0.75	1.0	57.5	−6.7	−51.8	52.2	262.5	25.8	200	0.0	1.0	0.832	52.3	−31.9	−44.5	54.8	234.3
225	Y73G_087_087e	0.25	0.875	0.0	0.875	0.875	0.437	134	0.197	0.875	0.0	51.6	−60.1	44.3	74.7	143.5	0.25	0.875	0.0	55.9	−58.3	50.4	77.1	139.1	7.6	137	0.226	1.0	0.0	57.3	−68.7	50.7	85.4	143.5
226	Y85G_087_075e	0.25	0.875	0.125	0.875	0.75	0.5	141	0.217	0.875	0.125	52.7	−56.0	30.1	63.6	151.7	0.25	0.875	0.125	55.4	−63.2	38.3	73.9	148.7	11.2	143	0.122	1.0	0.0	52.3	−74.7	40.1	84.8	151.7
227	G00B_087_062e	0.25	0.875	0.25	0.875	0.625	0.562	150	0.25	0.875	0.288	54.3	−48.7	15.6	51.2	162.2	0.25	0.875	0.25	56.6	−62.6	27.9	68.6	155.9	18.7	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
228	G09B_087_062e	0.25	0.875	0.375	0.875	0.625	0.562	161	0.25	0.875	0.385	55.2	−47.1	6.4	47.6	172.2	0.25	0.875	0.375	58.0	−58.8	15.5	60.9	165.2	15.1	161	0.0	1.0	0.217	47.4	−75.4	10.2	76.1	172.2
229	G19B_087_062e	0.25	0.875	0.5	0.875	0.625	0.562	173	0.25	0.875	0.48	56.0	−42.0	−2.3	42.0	183.2	0.25	0.875	0.5	59.8	−51.9	2.5	51.9	177.2	11.6	171	0.0	1.0	0.368	48.6	−67.2	−3.7	67.3	183.2
230	G30B_087_062e	0.25	0.875	0.625	0.875	0.625	0.562	187	0.25	0.875	0.566	56.7	−36.1	−10.3	37.6	195.9	0.25	0.875	0.625	61.0	−44.6	−10.0	45.7	192.6	9.4	180	0.0	1.0	0.505	49.8	−57.8	−16.5	60.1	195.9
231	G40B_087_062e	0.25	0.875	0.75	0.875	0.625	0.562	199	0.25	0.875	0.628	57.3	−31.5	−16.0	35.4	206.9	0.25	0.875	0.75	61.9	−37.1	−21.7	43.0	210.3	9.2	186	0.0	1.0	0.605	50.6	−50.4	−25.6	56.6	206.9
232	G50B_087_062e	0.25	0.875	0.875	0.875	0.625	0.562	210	0.25	0.875	0.681	57.6	−27.3	−20.6	34.2	216.9	0.25	0.875	0.875	62.8	−29.1	−33.2	44.2	228.7	13.7	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9
233	G57B_100_075e	0.25	0.875	1.0	1.0	0.75	0.625	219	0.25	1.0	0.817	63.0	−28.4	−28.6	40.4	225.1	0.25	0.875	1.0	61.5	−18.2	−48.5	51.8	249.3	22.4	196	0.0	1.0	0.757	51.6	−37.9	−38.2	53.8	225.1
234	Y76G_100_100e	0.25	1.0	0.0	1.0	1.0	0.5	136	0.196	1.0	0.0	55.9	−70.6	47.7	85.2	145.9	0.25	1.0	0.0	58.5	−67.1	53.0	85.5	141.6	6.8	139	0.196	1.0	0.0	55.9	−70.6	47.7	85.2	145.9
235	Y86G_100_087e	0.25	1.0	0.125	1.0	0.875	0.562	142	0.214	1.0	0.125	56.8	−65.7	33.6	73.8	152.9	0.25	1.0	0.125	56.9	−73.6	42.8	85.1	149.7	12.1	144	0.102	1.0	0.0	51.0	−75.1	38.4	84.4	152.9
236	G00B_100_075e	0.25	1.0	0.25	1.0	0.75	0.625	150	0.25	1.0	0.296	58.6	−58.5	18.7	61.4	162.2	0.25	1.0	0.25	58.2	−74.0	32.2	80.7	156.4	20.5	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
237	G07B_100_075e	0.25	1.0	0.375	1.0	0.75	0.625	159	0.25	1.0	0.392	59.6	−57.4	9.6	58.3	170.4	0.25	1.0	0.375	60.0	−70.2	19.0	72.7	164.8	15.8	160	0.0	1.0	0.19	47.2	−76.6	12.9	77.7	170.4
238	G15B_100_075e	0.25	1.0	0.5	1.0	0.75	0.625	169	0.25	1.0	0.488	60.3	−52.6	0.4	52.6	179.5	0.25	1.0	0.5	61.9	−63.4	6.7	63.8	173.8	12.6	168	0.0	1.0	0.318	48.1	−70.2	0.5	70.2	179.5
239	G25B_100_075e	0.25	1.0	0.625	1.0	0.75	0.625	180	0.25	1.0	0.578	61.1	−47.0	−7.9	47.7	189.6	0.25	1.0	0.625	63.5	−55.5	−6.9	56.0	187.1	8.9	175	0.0	1.0	0.438	49.2	−62.7	−10.6	63.6	189.6
240	G34B_100_075e	0.25	1.0	0.75	1.0	0.75	0.625	191	0.25	1.0	0.654	61.8	−41.6	−14.8	44.2	199.6	0.25	1.0	0.75	64.5	−47.5	−19.7	51.5	202.5	8.1	182	0.0	1.0	0.538	50.0	−55.5	−19.8	59.0	199.6
241	G42B_100_075e	0.25	1.0	0.875	1.0	0.75	0.625	201	0.25	1.0	0.716	62.3	−36.8	−20.2	42.0	208.7	0.25	1.0	0.875	65.6	−39.4	−31.6	50.5	218.7	12.1	188	0.0	1.0	0.621	50.7	−49.1	−26.9	56.0	208.7
242	G50B_100_075e	0.25	1.0	1.0	1.0	0.75	0.625	210	0.25	1.0	0.767	62.6	−32.8	−24.7	41.1	216.9	0.25	1.0	1.0	66.6	−29.9	−43.9	53.2	235.7	19.8	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9

Mean color difference of this page: delta $E^{*\prime}$ = *14.9*

1−0131030−F0

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see similar files: http://farbe.li.tu-berlin.de/ZE15/ZE15.HTM
http://130.149.60.45/~farbmetrik or http://farbe.li.tu-berlin.de

TUB registration: 20160101-ZE15/ZE15L0NP.PDF /.PS
application for measurement of photo printer output, separation rgb (CMYK)

TUB material: code=rha4ta

n	HIC*Fe	rgb_Fe			ict_Fe			hsi_F,e	rgb*Fe			LabCh*Fe					rgb*'Fe			LabCh*'Fe					DE*'Fe	hsiM,e	rgb*Me			LabCh*Me				
243	R00Y_037_037e	0.375	0.0	0.0	0.375	0.375	0.187	390	0.375	0.0	0.121	25.6	27.0	12.8	29.9	25.4	0.375	0.0	0.0	25.2	24.2	17.6	29.9	36.1	5.5	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
244	R18Y_037_037e	0.375	0.0	0.125	0.375	0.375	0.187	371	0.375	0.0	0.278	25.7	28.7	2.1	28.8	4.3	0.375	0.0	0.125	25.5	25.1	11.6	27.7	24.8	10.1	344	1.0	0.0	0.743	50.2	76.6	5.7	76.8	4.3
245	B65R_037_037e	0.375	0.0	0.25	0.375	0.375	0.187	349	0.329	0.0	0.375	24.5	28.8	−6.8	29.6	346.6	0.375	0.0	0.25	25.5	27.2	3.6	27.4	7.6	10.6	323	0.878	0.0	1.0	46.8	76.8	−18.2	78.9	346.6
246	B50R_037_037e	0.375	0.0	0.375	0.375	0.375	0.187	330	0.192	0.0	0.375	20.1	24.4	−14.9	28.6	328.6	0.375	0.0	0.375	25.1	30.6	−5.7	31.2	349.3	12.1	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
247	B38R_050_050e	0.375	0.0	0.5	0.5	0.5	0.25	316	0.103	0.0	0.5	17.8	28.5	−28.2	40.2	315.3	0.375	0.0	0.5	27.2	37.8	−12.9	40.0	341.1	20.1	281	0.207	0.0	1.0	24.6	57.1	−56.5	80.4	315.3
248	B30R_062_062e	0.375	0.0	0.625	0.625	0.625	0.312	307	0.0	0.001	0.625	16.2	30.6	−40.9	51.2	306.8	0.375	0.0	0.625	29.0	44.4	−21.3	49.2	334.3	27.1	269	0.0	0.002	1.0	19.3	49.0	−65.5	81.9	306.8
249	B25R_075_075e	0.375	0.0	0.75	0.75	0.75	0.375	300	0.0	0.145	0.75	22.5	30.7	−52.9	61.2	300.1	0.375	0.0	0.75	31.0	50.1	−30.4	58.6	328.7	30.8	259	0.0	0.194	1.0	26.3	41.0	−70.5	81.6	300.1
250	B20R_087_087e	0.375	0.0	0.875	0.875	0.875	0.437	295	0.0	0.26	0.875	28.0	29.4	−61.8	68.5	295.4	0.375	0.0	0.875	31.3	56.3	−39.9	69.0	324.6	34.9	253	0.0	0.297	1.0	30.4	33.6	−70.7	78.3	295.4
251	B18R_100_100e	0.375	0.0	1.0	1.0	1.0	0.5	292	0.0	0.353	1.0	32.7	29.2	−70.3	76.2	292.5	0.375	0.0	1.0	30.5	61.5	−47.8	77.9	322.1	39.4	249	0.0	0.353	1.0	32.7	29.2	−70.3	76.2	292.5
252	R31Y_037_037e	0.375	0.125	0.0	0.375	0.375	0.187	49	0.375	0.056	0.0	27.6	22.6	23.9	32.9	46.6	0.375	0.125	0.0	30.5	11.9	25.3	28.0	64.7	11.1	38	1.0	0.151	0.0	55.3	60.3	63.8	87.8	46.6
253	R00Y_037_025e	0.375	0.125	0.125	0.375	0.25	0.25	390	0.375	0.124	0.205	31.5	18.0	8.5	19.9	25.4	0.375	0.125	0.125	29.6	15.0	18.7	24.0	51.3	10.7	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
254	R00Y_037_025e	0.375	0.125	0.25	0.375	0.25	0.25	360	0.375	0.124	0.373	31.7	20.3	−2.8	20.5	352.0	0.375	0.125	0.25	29.4	17.1	8.5	19.1	26.3	11.9	330	1.0	0.0	0.992	50.5	81.2	−11.3	82.0	352.0
255	B50R_037_025e	0.375	0.125	0.375	0.375	0.25	0.25	330	0.253	0.124	0.375	27.8	16.2	−9.9	19.0	328.6	0.375	0.125	0.375	29.8	20.0	−2.6	20.2	352.3	8.4	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
256	B34R_050_037e	0.375	0.125	0.5	0.5	0.375	0.312	311	0.158	0.124	0.5	25.5	19.9	−23.3	30.7	310.5	0.375	0.125	0.5	32.5	27.0	−12.1	29.6	335.7	14.9	274	0.09	0.0	1.0	20.9	53.3	−62.2	81.9	310.5
257	B25R_062_050e	0.375	0.125	0.625	0.625	0.5	0.375	300	0.125	0.222	0.625	29.4	20.5	−35.2	40.8	300.1	0.375	0.125	0.625	34.9	33.3	−22.1	40.0	326.3	19.1	259	0.0	0.194	1.0	26.3	41.0	−70.5	81.6	300.1
258	B19R_075_062e	0.375	0.125	0.75	0.75	0.625	0.437	293	0.125	0.334	0.75	34.8	19.1	−44.0	48.0	293.5	0.375	0.125	0.75	37.1	40.3	−32.4	51.7	321.1	24.2	250	0.0	0.334	1.0	31.9	30.7	−70.5	76.9	293.5
259	B15R_087_075e	0.375	0.125	0.875	0.875	0.75	0.5	289	0.125	0.431	0.875	39.6	18.8	−52.4	55.7	289.7	0.375	0.125	0.875	37.5	48.3	−43.0	64.7	318.2	31.0	245	0.0	0.409	1.0	34.8	25.1	−69.9	74.3	289.7
260	B13R_100_087e	0.375	0.125	1.0	1.0	0.875	0.562	286	0.125	0.532	1.0	44.3	18.4	−60.7	63.4	286.9	0.375	0.125	1.0	36.2	55.4	−53.1	76.7	316.2	38.6	242	0.0	0.465	1.0	36.8	21.0	−69.3	72.5	286.9
261	R68Y_037_037e	0.375	0.25	0.0	0.375	0.375	0.187	71	0.375	0.188	0.0	33.5	10.7	31.3	33.1	71.1	0.375	0.25	0.0	35.4	1.6	32.6	32.7	87.1	9.3	60	1.0	0.502	0.0	71.0	28.5	83.6	88.4	71.1
262	R50Y_037_025e	0.375	0.25	0.125	0.375	0.25	0.25	60	0.375	0.204	0.124	34.8	11.2	18.7	21.8	58.8	0.375	0.25	0.125	35.1	2.5	26.3	26.4	84.5	11.6	48	1.0	0.317	0.0	63.2	45.1	74.8	87.4	58.8
263	R00Y_037_012e	0.375	0.25	0.25	0.375	0.125	0.312	390	0.375	0.249	0.29	37.4	9.0	4.2	9.9	25.4	0.375	0.25	0.25	34.8	5.1	15.8	16.7	71.9	12.4	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
264	B50R_037_012e	0.375	0.25	0.375	0.375	0.125	0.312	330	0.314	0.249	0.375	35.6	8.1	−4.9	9.5	328.6	0.375	0.25	0.375	35.5	8.4	2.6	8.8	17.6	7.6	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
265	B25R_050_025e	0.375	0.25	0.5	0.5	0.25	0.375	300	0.249	0.298	0.5	36.4	10.2	−17.6	20.4	300.1	0.375	0.25	0.5	38.0	14.4	−8.2	16.6	330.3	10.4	259	0.0	0.194	1.0	26.3	41.0	−70.5	81.6	300.1
266	B15R_062_037e	0.375	0.25	0.625	0.625	0.375	0.437	289	0.25	0.403	0.625	41.4	9.4	−26.2	27.8	289.7	0.375	0.25	0.625	40.5	19.7	−19.2	27.6	315.7	12.5	245	0.0	0.409	1.0	34.8	25.1	−69.9	74.3	289.7
267	B11R_075_050e	0.375	0.25	0.75	0.75	0.5	0.5	284	0.25	0.501	0.75	46.0	9.2	−34.4	35.6	285.0	0.375	0.25	0.75	43.1	26.8	−30.7	40.8	311.1	18.2	239	0.0	0.503	1.0	38.1	18.4	−68.9	71.3	285.0
268	B09R_087_062e	0.375	0.25	0.875	0.875	0.625	0.562	281	0.25	0.597	0.875	50.4	9.2	−42.7	43.6	282.1	0.375	0.25	0.875	43.8	35.4	−42.9	55.6	309.5	27.0	236	0.0	0.555	1.0	39.7	14.7	−68.3	69.9	282.1
269	B07R_100_075e	0.375	0.25	1.0	1.0	0.75	0.625	279	0.25	0.692	1.0	54.8	9.2	−50.8	51.7	280.2	0.375	0.25	1.0	42.8	43.5	−53.9	69.3	308.9	36.5	234	0.0	0.59	1.0	40.8	12.2	−67.8	68.9	280.2
270	Y00G_037_037e	0.375	0.375	0.0	0.375	0.375	0.187	90	0.375	0.33	0.0	39.2	−1.5	38.1	38.1	92.3	0.375	0.375	0.0	38.6	−5.8	37.6	38.0	98.7	4.3	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
271	Y00G_037_025e	0.375	0.375	0.125	0.375	0.25	0.25	90	0.375	0.345	0.124	40.5	−1.0	25.4	25.4	92.3	0.375	0.375	0.125	38.9	−5.6	32.2	32.7	99.9	8.4	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
272	Y00G_037_012e	0.375	0.375	0.25	0.375	0.125	0.312	90	0.375	0.36	0.249	41.9	−0.5	12.7	12.7	92.3	0.375	0.375	0.25	39.2	−4.1	22.2	22.6	100.5	10.5	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
273	NW_037e	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	43.3	0.0	0.0	0.0	0.0	0.375	0.375	0.375	39.6	−0.9	7.7	7.7	96.8	8.6	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
274	B00R_050_012e	0.375	0.375	0.5	0.5	0.125	0.437	270	0.375	0.465	0.5	47.6	0.2	−8.1	8.1	271.7	0.375	0.375	0.5	43.6	2.2	−3.4	4.1	303.0	6.4	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
275	B00R_062_025e	0.375	0.375	0.625	0.625	0.25	0.5	270	0.375	0.556	0.625	51.8	0.4	−16.3	16.3	271.7	0.375	0.375	0.625	45.4	7.1	−15.5	17.1	294.5	9.2	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
276	B00R_075_037e	0.375	0.375	0.75	0.75	0.375	0.562	270	0.375	0.647	0.75	56.1	0.7	−24.4	24.4	271.7	0.375	0.375	0.75	48.1	13.8	−27.9	31.1	296.4	15.7	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
277	B00R_087_050e	0.375	0.375	0.875	0.875	0.5	0.625	270	0.375	0.737	0.875	60.4	0.9	−32.6	32.6	271.7	0.375	0.375	0.875	49.3	22.2	−40.2	46.0	298.8	25.1	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
278	B00R_100_062e	0.375	0.375	1.0	1.0	0.625	0.687	270	0.375	0.828	1.0	64.7	1.2	−40.7	40.8	271.7	0.375	0.375	1.0	48.5	31.4	−52.2	61.0	301.0	36.1	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
279	Y23G_050_050e	0.375	0.5	0.0	0.5	0.5	0.25	104	0.372	0.5	0.0	46.0	−15.4	45.7	48.2	108.6	0.375	0.5	0.0	45.4	−15.0	44.7	47.2	108.6	1.1	104	0.744	1.0	0.0	80.9	−30.8	91.4	96.5	108.6
280	Y31G_050_037e	0.375	0.5	0.125	0.5	0.375	0.312	109	0.367	0.5	0.124	46.1	−14.2	31.4	34.5	114.4	0.375	0.5	0.125	45.5	−16.5	36.6	40.2	114.3	5.6	110	0.647	1.0	0.0	76.0	−38.1	83.8	92.1	114.4
281	Y50G_050_025e	0.375	0.5	0.25	0.5	0.25	0.375	120	0.362	0.5	0.249	46.6	−13.2	17.4	21.8	127.2	0.375	0.5	0.25	46.3	−14.9	26.6	30.6	119.3	9.4	123	0.451	1.0	0.0	67.3	−53.0	69.6	87.5	127.2
282	G00B_050_012e	0.375	0.5	0.375	0.5	0.125	0.437	150	0.375	0.5	0.382	47.6	−9.7	3.1	10.2	162.2	0.375	0.5	0.375	47.0	−12.0	14.7	19.0	129.2	11.8	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
283	G50B_050_012e	0.375	0.5	0.5	0.5	0.125	0.437	210	0.375	0.5	0.461	48.3	−5.4	−4.1	6.8	216.9	0.375	0.5	0.5	47.8	−7.5	0.9	7.5	173.1	5.4	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9
284	G75B_062_025e	0.375	0.5	0.625	0.625	0.25	0.5	240	0.375	0.625	0.604	53.7	−6.2	−12.9	14.3	244.3	0.375	0.5	0.625	51.2	−4.4	−10.0	10.9	246.2	4.2	205	0.0	1.0	0.917	53.0	−24.8	−51.7	57.3	244.3
285	G84B_075_037e	0.375	0.5	0.75	0.75	0.375	0.562	251	0.375	0.746	0.75	59.1	−6.1	−22.1	22.9	254.3	0.375	0.5	0.75	53.3	1.7	−23.8	23.9	274.1	9.9	210	0.0	0.991	1.0	53.3	−16.4	−59.0	61.3	254.3
286	G88B_087_050e	0.375	0.5	0.875	0.875	0.5	0.625	256	0.375	0.836	0.875	63.3	−5.9	−30.3	30.9	258.9	0.375	0.5	0.875	54.4	9.7	−37.5	38.7	284.6	19.4	214	0.0	0.922	1.0	51.2	−11.8	−60.7	61.9	258.9
287	G90B_100_062e	0.375	0.5	1.0	1.0	0.625	0.687	259	0.375	0.925	1.0	67.6	−5.6	−38.5	38.9	261.6	0.375	0.5	1.0	54.2	19.2	−49.8	53.4	291.1	30.4	216	0.0	0.881	1.0	50.0	−8.9	−61.6	62.2	261.6
288	Y38G_062_062e	0.375	0.625	0.0	0.625	0.625	0.312	113	0.359	0.625	0.0	49.5	−27.3	49.0	56.1	119.1	0.375	0.625	0.0	51.4	−25.6	49.9	56.1	117.1	2.7	115	0.575	1.0	0.0	72.6	−43.7	78.5	89.8	119.1
289	Y50G_062_050e	0.375	0.625	0.125	0.625	0.5	0.375	120	0.35	0.625	0.125	49.9	−26.5	34.8	43.7	127.2	0.375	0.625	0.125	51.4	−28.1	39.9	48.8	125.1	5.5	123	0.451	1.0	0.0	67.3	−53.0	69.6	87.5	127.2
290	Y68G_062_037e	0.375	0.625	0.25	0.625	0.375	0.437	131	0.351	0.625	0.25	50.7	−24.6	20.6	32.1	140.0	0.375	0.625	0.25	52.2	−27.2	29.6	40.2	132.5	9.5	134	0.271	1.0	0.0	59.5	−65.7	55.0	85.7	140.0
291	G00B_062_025e	0.375	0.625	0.375	0.625	0.25	0.5	150	0.375	0.625	0.39	52.0	−19.5	6.2	20.4	162.2	0.375	0.625	0.375	53.0	−24.3	17.9	30.2	143.5	12.7	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
292	G25B_062_025e	0.375	0.625	0.5	0.625	0.25	0.5	180	0.375	0.625	0.484	52.8	−15.6	−2.6	15.9	189.6	0.375	0.625	0.5	54.0	−19.3	5.4	20.0	164.2	8.9	175	0.0	1.0	0.438	49.2	−62.7	−10.6	63.6	189.6
293	G50B_062_025e	0.375	0.625	0.625	0.625	0.25	0.5	210	0.375	0.625	0.547	53.3	−10.9	−8.2	13.7	216.9	0.375	0.625	0.625	55.0	−14.1	−5.9	15.3	202.6	4.3	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9
294	G65B_075_037e	0.375	0.625	0.75	0.75	0.375	0.562	229	0.375	0.75	0.687	58.7	−11.9	−16.7	20.5	234.3	0.375	0.625	0.75	58.5	−9.7	−18.9	21.3	242.7	3.1	200	0.0	1.0	0.832	52.3	−31.9	−44.5	54.8	234.3
295	G75B_087_050e	0.375	0.625	0.875	0.875	0.5	0.625	240	0.375	0.875	0.833	64.2	−12.4	−25.8	28.6	244.3	0.375	0.625	0.875	59.5	−2.6	−33.6	33.7	265.5	13.3	205	0.0	1.0	0.917	53.0	−24.8	−51.7	57.3	244.3
296	G80B_100_062e	0.375	0.625	1.0	1.0	0.625	0.687	247	0.375	1.0	0.983	69.7	−12.3	−35.4	37.5	250.7	0.375	0.625	1.0	59.0	7.0	−47.2	47.7	278.4	25.1	208	0.0	1.0	0.973	53.4	−19.7	−56.6	60.0	250.7
297	Y50G_075_075e	0.375	0.75	0.0	0.75	0.75	0.375	120	0.338	0.75	0.0	53.3	−39.7	52.2	65.6	127.2	0.375	0.75	0.0	57.0	−37.5	54.1	65.8	124.7	4.7	123	0.451	1.0	0.0	67.3	−53.0	69.6	87.5	127.2
298	Y61G_075_062e	0.375	0.75	0.125	0.75	0.625	0.437	127	0.333	0.75	0.125	53.8	−38.4	37.8	53.9	135.4	0.375	0.75	0.125	57.2	−41.5	43.6	60.2	133.6	7.4	130	0.333	1.0	0.0	62.3	−61.4	60.5	86.2	135.4
299	Y76G_075_050e	0.375	0.75	0.25	0.75	0.5	0.5	136	0.348	0.75	0.25	55.0	−35.3	23.8	42.6	145.9	0.375	0.75	0.25	58.1	−40.8	32.0	51.9	141.8	10.3	139	0.196	1.0	0.0	55.9	−70.6	47.7	85.2	145.9
300	G00B_075_037e	0.375	0.75	0.375	0.75	0.375	0.562	150	0.375	0.75	0.398	56.3	−29.2	9.3	30.7	162.2	0.375	0.75	0.375	59.2	−37.6	20.3	42.8	151.5	14.1	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
301	G15B_075_037e	0.375	0.75	0.5	0.75	0.375	0.562	169	0.375	0.75	0.494	57.2	−26.3	0.2	26.3	179.5	0.375	0.75	0.5	60.3	−32.7	8.2	33.7	165.7	10.7	168	0.0	1.0	0.318	48.1	−70.2	0.5	70.2	179.5
302	G34B_075_037e	0.375	0.75	0.625	0.75	0.375	0.562	191	0.375	0.75	0.577	57.9	−20.8	−7.4	22.1	199.6	0.375	0.75	0.625	61.2	−26.7	−3.8	27.0	188.1	7.6	182	0.0	1.0	0.538	50.0	−55.5	−19.8	59.0	199.6
303	G50B_075_037e	0.375	0.75	0.75	0.75	0.375	0.562	210	0.375	0.75	0.633	58.3	−16.4	−12.3	20.5	216.9	0.375	0.75	0.75	62.4	−20.3	−14.6	25.0	215.6	6.1	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9
304	G61B_087_050e	0.375	0.75	0.875	0.875	0.5	0.625	224	0.375	0.875	0.772	63.7	−17.5	−20.7	27.1	229.7	0.375	0.75	0.875	64.2	−14.8	−29.3	32.9	243.1	9.0	198	0.0	1.0	0.794	52.0	−35.1	−41.5	54.3	229.7
305	G69B_100_062e	0.375	0.75	1.0	1.0	0.625	0.687	233	0.375	1.0	0.914	69.2	−18.3	−29.2	34.5	237.9	0.375	0.75	1.0	63.7	−4.8	−43.9	44.1	263.7	20.6	202	0.0	1.0	0.862	52.5	−29.3	−46.8	55.2	237.9
306	Y58G_087_087e	0.375	0.875	0.0	0.875	0.875	0.437	125	0.319	0.875	0.0	57.1	−51.7	55.2	75.7	133.0	0.375	0.875	0.0	61.1	−49.0	59.5	77.1	129.5	6.4	128	0.364	1.0	0.0	63.7	−59.1	63.1	86.5	133.0
307	Y68G_087_075e	0.375	0.875	0.125	0.875	0.75	0.5	131	0.328	0.875	0.125	58.1	−49.3	41.2	64.3	140.0	0.375	0.875	0.125	61.6	−53.9	48.2	72.3	138.2	9.0	134	0.271	1.0	0.0	59.5	−65.7	55.0	85.7	140.0
308	Y81G_087_062e	0.375	0.875	0.25	0.875	0.625	0.562	139	0.345	0.875	0.25	59.2	−45.7	27.0	53.1	149.4	0.375	0.875	0.25	62.3	−54.8	36.4	65.8	146.3	13.4	141	0.152	1.0	0.0	53.8	−73.2	43.2	85.0	149.4
309	G00B_087_050e	0.375	0.875	0.375	0.875	0.5	0.625	150	0.375	0.875	0.406	60.7	−39.0	12.5	40.9	162.2	0.375	0.875	0.375	63.7	−51.9	25.0	57.6	154.2	18.2	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
310	G11B_087_050e	0.375	0.875	0.5	0.875	0.5	0.625	164	0.375	0.875	0.503	61.5	−36.7	3.2	36.9	175.0	0.375	0.875	0.5	65.1	−46.5	11.4	47.9	166.1	13.2	164	0.0	1.0	0.256	47.6	−73.5	6.4	73.8	175.0
311	G25B_087_050e	0.375	0.875	0.625	0.875	0.5	0.625	180	0.375	0.875	0.594	62.3	−31.3	−5.3	31.8	189.6	0.375	0.875	0.625	66.4	−39.9	−1.1	39.9	181.6	10.3	175	0.0	1.0	0.438	49.2	−62.7	−10.6	63.6	189.6
312	G38B_087_050e	0.375	0.875	0.75	0.875	0.5	0.625	196	0.375	0.875	0.665	62.9	−26.2	−11.7	28.7	204.2	0.375	0.875	0.75	67.4	−33.1	−12.8	35.5	201.1	8.2	185	0.0	1.0	0.58	50.4	−52.4	−23.5	57.5	204.2
313	G50B_087_050e	0.375	0.875	0.875	0.875	0.5	0.625	210	0.375	0.875	0.719	63.3	−21.8	−16.4	27.4	216.9	0.375	0.875	0.875	68.5	−25.7	−24.7	35.6	223.9	10.4	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9
314	G59B_100_062e	0.375	0.875	1.0	1.0	0.625	0.687	221	0.375	1.0	0.857	68.7	−23.0	−24.7	33.7	227.0	0.375	0.875	1.0	68.1	−16.5	−40.3	43.5	247.7	16.9	197	0.0	1.0	0.772	51.8	−36.8	−39.5	54.0	227.0
315	Y63G_100_100e	0.375	1.0	0.0	1.0	1.0	0.5	128	0.318	1.0	0.0	61.6	−62.5	59.1	86.1	136.5	0.375	1.0	0.0	64.2	−58.3	64.0	86.6	132.3	6.9	131	0.318	1.0	0.0	61.6	−62.5	59.1	86.1	136.5
316	Y73G_100_087e	0.375	1.0	0.125	1.0	0.875	0.562	134	0.322	1.0	0.125	62.3	−60.1	44.3	74.7	143.5	0.375	1.0	0.125	63.7	−65.7	54.8	85.6	140.1	11.9	137	0.226	1.0	0.0	57.3	−68.7	50.7	85.4	143.5
317	Y85G_100_075e	0.375	1.0	0.25	1.0	0.75	0.625	141	0.342	1.0	0.25	63.4	−56.0	30.1	63.6	151.7	0.375	1.0	0.25	65.1	−67.0	43.7	80.0	146.9	17.5	143	0.122	1.0	0.0	52.3	−74.7	40.1	84.8	151.7
318	G00B_100_062e	0.375	1.0	0.375	1.0	0.625	0.687	150	0.375	1.0	0.413	65.0	−48.7	15.6	51.2	162.2	0.375	1.0	0.375	66.8	−64.2	30.1	71.0	154.8	21.3	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
319	G09B_100_062e	0.375	1.0	0.5	1.0	0.625	0.687	161	0.375	1.0	0.51	66.0	−47.1	6.4	47.6	172.2	0.375	1.0	0.5	68.4	−59.1	17.2	61.5	163.7	16.3	161	0.0	1.0	0.217	47.4	−75.4	10.2	76.1	172.2
320	G19B_100_062e	0.375	1.0	0.625	1.0	0.625	0.687	173	0.375	1.0	0.605	66.7	−42.0	−2.3	42.0	183.2	0.375	1.0	0.625	69.8	−52.4	3.0	52.5	176.6	12.1	171	0.0	1.0	0.368	48.6	−67.2	−3.7	67.3	183.2
321	G30B_100_062e	0.375	1.0	0.75	1.0	0.625	0.687	187	0.375	1.0	0.691	67.5	−36.1	−10.3	37.6	195.9	0.375	1.0	0.75	70.9	−45.0	−9.9	46.1	192.5	9.5	180	0.0	1.0	0.505	49.8	−57.8	−16.5	60.1	195.9
322	G40B_100_062e	0.375	1.0	0.875	1.0	0.625	0.687	199	0.375	1.0	0.753	68.0	−31.5	−16.0	35.4	206.9	0.375	1.0	0.875	71.7	−37.5	−22.7	43.9	211.2	9.7	186	0.0	1.0	0.605	50.6	−50.4	−25.6	56.6	206.9
323	G50B_100_062e	0.375	1.0	1.0	1.0	0.625	0.687	210	0.375	1.0	0.806	68.3	−27.3	−20.6	34.2	216.9	0.375	1.0	1.0	72.7	−28.4	−36.1	45.9	231.7	16.1	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9

Mean color difference of this page: delta *E' = *14.0***

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ZE150−7N, Page 12/38−F

see similar files: http://farbe.li.tu-berlin.de/ZE15/ZE15.HTM
http://130.149.60.45/~farbmetrik or http://farbe.li.tu-berlin.de

TUB registration: 20160101-ZE15/ZE15L0NP.PDF /.PS
application for measurement of photo printer output, separation rgb (CMYK)
TUB material: code=rha4ta

n	HIC*_Fe	rgb_Fe			ict_Fe			h_si_F,e	rgb*_Fe			LabCh*_Fe					rgb*'_Fe			LabCh*'_Fe					DE*'_Fe	h_siM,e	rgb*_Me			LabCh*_Me				
324	R00Y_050_050e	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.161	30.5	36.0	17.1	39.8	25.4	0.5	0.0	0.0	29.4	34.3	24.4	42.1	35.4	7.5	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
325	R26Y_050_050e	0.5	0.0	0.125	0.5	0.5	0.25	376	0.5	0.0	0.319	30.6	37.6	6.5	38.2	9.8	0.5	0.0	0.125	29.7	35.4	18.2	39.8	27.2	11.9	350	1.0	0.0	0.639	50.1	75.2	13.1	76.4	9.8
326	R00Y_050_050e	0.5	0.0	0.25	0.5	0.5	0.25	360	0.5	0.0	0.496	30.8	40.6	−5.6	41.0	352.0	0.5	0.0	0.25	29.9	36.6	10.3	38.0	15.7	16.5	330	1.0	0.0	0.992	50.5	81.2	−11.3	82.0	352.0
327	B61R_050_050e	0.5	0.0	0.375	0.5	0.5	0.25	344	0.39	0.0	0.5	27.4	36.6	−12.0	38.6	341.8	0.5	0.0	0.375	30.0	38.9	1.2	38.9	1.8	13.6	317	0.78	0.0	1.0	43.6	73.3	−24.0	77.2	341.8
328	B50R_050_050e	0.5	0.0	0.5	0.5	0.5	0.25	330	0.256	0.0	0.5	23.1	32.5	−19.8	38.1	328.6	0.5	0.0	0.5	29.9	41.9	−7.6	42.6	349.6	16.8	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
329	B40R_062_062e	0.5	0.0	0.625	0.625	0.625	0.312	319	0.173	0.0	0.625	21.1	36.9	−33.0	49.5	318.1	0.5	0.0	0.625	32.4	48.8	−14.7	50.9	343.2	24.6	285	0.278	0.0	1.0	27.1	59.0	−52.8	79.2	318.1
330	B34R_075_075e	0.5	0.0	0.75	0.75	0.75	0.375	311	0.067	0.0	0.75	18.4	39.9	−46.6	61.4	310.5	0.5	0.0	0.75	34.8	54.8	−23.4	59.6	336.8	32.0	274	0.09	0.0	1.0	20.9	53.3	−62.2	81.9	310.5
331	B29R_087_087e	0.5	0.0	0.875	0.875	0.875	0.437	305	0.0	0.056	0.875	20.2	41.4	−59.3	72.4	304.9	0.5	0.0	0.875	35.6	60.7	−32.6	68.9	331.7	36.3	266	0.0	0.064	1.0	21.5	47.3	−67.8	82.7	304.9
332	B25R_100_100e	0.5	0.0	1.0	1.0	1.0	0.5	300	0.0	0.194	1.0	26.3	41.0	−70.5	81.6	300.1	0.5	0.0	1.0	34.8	64.7	−40.4	76.3	328.0	39.2	259	0.0	0.194	1.0	26.3	41.0	−70.5	81.6	300.1
333	R23Y_050_050e	0.5	0.125	0.0	0.5	0.5	0.25	44	0.5	0.029	0.0	31.3	33.0	28.7	43.7	41.0	0.5	0.125	0.0	35.1	21.3	32.5	38.8	56.7	12.8	33	1.0	0.059	0.0	51.5	66.0	57.5	87.5	41.0
334	R00Y_050_037e	0.5	0.125	0.125	0.5	0.375	0.312	390	0.5	0.124	0.246	36.4	27.0	12.8	29.9	25.4	0.5	0.125	0.125	35.0	23.3	25.3	34.4	47.4	13.1	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
335	R18Y_050_037e	0.5	0.125	0.25	0.5	0.375	0.312	371	0.5	0.124	0.403	36.5	28.7	2.1	28.8	4.3	0.5	0.125	0.25	35.4	24.8	15.4	29.2	31.8	13.8	344	1.0	0.0	0.743	50.2	76.6	5.7	76.8	4.3
336	B65R_050_037e	0.5	0.125	0.375	0.5	0.375	0.312	349	0.454	0.124	0.5	35.2	28.8	−6.8	29.6	346.6	0.5	0.125	0.375	35.5	27.7	4.1	28.0	8.4	11.0	323	0.878	0.0	1.0	46.8	76.8	−18.2	78.9	346.6
337	B50R_050_037e	0.5	0.125	0.5	0.5	0.375	0.312	330	0.317	0.124	0.5	30.8	24.4	−14.9	28.6	328.6	0.5	0.125	0.5	35.9	31.3	−7.0	32.1	347.2	11.6	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
338	B38R_062_050e	0.5	0.125	0.625	0.625	0.5	0.375	316	0.228	0.125	0.625	28.6	28.5	−28.2	40.2	315.3	0.5	0.125	0.625	38.7	38.9	−16.3	42.2	337.1	18.7	281	0.207	0.0	1.0	24.6	57.1	−56.5	80.4	315.3
339	B30R_075_062e	0.5	0.125	0.75	0.75	0.625	0.437	307	0.125	0.126	0.75	27.0	30.6	−40.9	51.2	306.8	0.5	0.125	0.75	41.2	45.4	−26.2	52.4	330.0	25.2	269	0.0	0.002	1.0	19.3	49.0	−65.5	81.9	306.8
340	B25R_087_075e	0.5	0.125	0.875	0.875	0.75	0.5	300	0.125	0.27	0.875	33.3	30.7	−52.9	61.2	300.1	0.5	0.125	0.875	41.9	52.4	−36.4	63.8	325.2	28.6	259	0.0	0.194	1.0	26.3	41.0	−70.5	81.6	300.1
341	B20R_100_087e	0.5	0.125	1.0	1.0	0.875	0.562	295	0.125	0.385	1.0	38.7	29.4	−61.8	68.5	295.4	0.5	0.125	1.0	40.5	59.1	−46.6	75.3	321.7	33.4	253	0.0	0.297	1.0	30.4	33.6	−70.7	78.3	295.4
342	R50Y_050_050e	0.5	0.25	0.0	0.5	0.5	0.25	60	0.5	0.158	0.0	37.1	22.5	37.4	43.7	58.8	0.5	0.25	0.0	40.8	9.4	39.3	40.4	76.5	13.7	48	1.0	0.317	0.0	63.2	45.1	74.8	87.4	58.8
343	R31Y_050_037e	0.5	0.25	0.125	0.5	0.375	0.312	49	0.5	0.181	0.124	38.4	22.6	23.9	32.9	46.6	0.5	0.25	0.125	40.6	10.6	31.6	33.3	71.4	14.4	38	1.0	0.151	0.0	55.3	60.3	63.8	87.8	46.6
344	R00Y_050_025e	0.5	0.25	0.25	0.5	0.25	0.375	390	0.5	0.249	0.33	42.2	18.0	8.5	19.9	25.4	0.5	0.25	0.25	40.6	12.7	21.3	24.8	59.0	13.8	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
345	R00Y_050_025e	0.5	0.25	0.375	0.5	0.25	0.375	360	0.5	0.249	0.498	42.4	20.3	−2.8	20.5	352.0	0.5	0.25	0.375	41.1	15.6	9.5	18.3	31.2	13.2	330	1.0	0.0	0.992	50.5	81.2	−11.3	82.0	352.0
346	B50R_050_025e	0.5	0.25	0.5	0.5	0.25	0.375	330	0.378	0.249	0.5	38.6	16.2	−9.9	19.0	328.6	0.5	0.25	0.5	41.8	19.0	−2.5	19.2	352.4	8.5	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
347	B34R_062_037e	0.5	0.25	0.625	0.625	0.375	0.437	311	0.283	0.25	0.625	36.2	19.9	−23.3	30.7	310.5	0.5	0.25	0.625	44.5	25.6	−12.7	28.6	333.5	14.5	274	0.09	0.0	1.0	20.9	53.3	−62.2	81.9	310.5
348	B25R_075_050e	0.5	0.25	0.75	0.75	0.5	0.5	300	0.25	0.347	0.75	40.2	20.5	−35.2	40.8	300.1	0.5	0.25	0.75	47.3	32.5	−24.2	40.5	323.2	17.7	259	0.0	0.194	1.0	26.3	41.0	−70.5	81.6	300.1
349	B19R_087_062e	0.5	0.25	0.875	0.875	0.625	0.562	293	0.25	0.459	0.875	45.6	19.1	−44.0	48.0	293.5	0.5	0.25	0.875	48.2	40.0	−36.2	54.0	317.8	22.4	250	0.0	0.334	1.0	31.9	30.7	−70.5	76.9	293.5
350	B15R_100_075e	0.5	0.25	1.0	1.0	0.75	0.625	289	0.25	0.556	1.0	50.3	18.8	−52.4	55.7	289.7	0.5	0.25	1.0	46.9	47.6	−47.7	67.4	314.9	29.3	245	0.0	0.409	1.0	34.8	25.1	−69.9	74.3	289.7
351	R76Y_050_050e	0.5	0.375	0.0	0.5	0.5	0.25	76	0.5	0.297	0.0	42.8	10.3	43.9	45.1	76.7	0.5	0.375	0.0	45.4	−0.4	46.1	46.1	90.6	11.3	66	1.0	0.595	0.0	74.6	20.7	87.9	90.3	76.7
352	R68Y_050_037e	0.5	0.375	0.125	0.5	0.375	0.312	71	0.5	0.313	0.124	44.3	10.7	31.3	33.1	71.1	0.5	0.375	0.125	45.8	−0.1	38.4	38.4	90.2	13.0	60	1.0	0.502	0.0	71.0	28.5	83.6	88.4	71.1
353	R50Y_050_025e	0.5	0.375	0.25	0.5	0.25	0.375	60	0.5	0.329	0.249	45.6	11.2	18.7	21.8	58.8	0.5	0.375	0.25	46.0	1.3	28.5	28.5	87.1	13.9	48	1.0	0.317	0.0	63.2	45.1	74.8	87.4	58.8
354	R00Y_050_012e	0.5	0.375	0.375	0.5	0.125	0.437	390	0.5	0.375	0.415	48.1	9.0	4.2	9.9	25.4	0.5	0.375	0.375	46.3	4.2	16.1	16.7	75.2	12.9	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
355	B50R_050_012e	0.5	0.375	0.5	0.5	0.125	0.437	330	0.439	0.375	0.5	46.3	8.1	−4.9	9.5	328.6	0.5	0.375	0.5	47.5	7.6	2.6	8.0	19.1	7.7	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
356	B25R_062_025e	0.5	0.375	0.625	0.625	0.25	0.5	300	0.375	0.423	0.625	47.1	10.2	−17.6	20.4	300.1	0.5	0.375	0.625	50.3	12.9	−8.2	15.4	327.4	10.2	259	0.0	0.194	1.0	26.3	41.0	−70.5	81.6	300.1
357	B15R_075_037e	0.5	0.375	0.75	0.75	0.375	0.562	289	0.375	0.528	0.75	52.2	9.4	−26.2	27.8	289.7	0.5	0.375	0.75	52.6	19.5	−21.0	28.7	313.0	11.4	245	0.0	0.409	1.0	34.8	25.1	−69.9	74.3	289.7
358	B11R_087_050e	0.5	0.375	0.875	0.875	0.5	0.625	284	0.375	0.626	0.875	56.8	9.2	−34.4	35.6	285.0	0.5	0.375	0.875	53.8	27.7	−33.7	43.6	309.4	18.7	239	0.0	0.503	1.0	38.1	18.4	−68.9	71.3	285.0
359	B09R_100_062e	0.5	0.375	1.0	1.0	0.625	0.687	281	0.375	0.722	1.0	61.2	9.2	−42.7	43.6	282.1	0.5	0.375	1.0	53.0	35.1	−45.8	57.7	307.4	27.3	236	0.0	0.555	1.0	39.7	14.7	−68.3	69.9	282.1
360	Y00G_050_050e	0.5	0.5	0.0	0.5	0.5	0.25	90	0.5	0.44	0.0	48.5	−2.0	50.8	50.8	92.3	0.5	0.5	0.0	48.9	−7.5	51.2	51.7	98.4	5.5	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
361	Y00G_050_037e	0.5	0.5	0.125	0.5	0.375	0.312	90	0.5	0.455	0.124	49.9	−1.5	38.1	38.1	92.3	0.5	0.5	0.125	49.2	−7.7	43.6	44.3	100.0	8.3	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
362	Y00G_050_025e	0.5	0.5	0.25	0.5	0.25	0.375	90	0.5	0.47	0.249	51.3	−1.0	25.4	25.4	92.3	0.5	0.5	0.25	49.9	−6.7	33.9	34.5	101.1	10.3	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
363	Y00G_050_012e	0.5	0.5	0.375	0.5	0.125	0.437	90	0.5	0.485	0.375	52.6	−0.5	12.7	12.7	92.3	0.5	0.5	0.375	50.7	−4.6	21.5	22.0	102.1	9.9	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
364	NW_050e	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	54.0	0.0	0.0	0.0	0.0	0.5	0.5	0.5	51.8	−0.9	7.1	7.2	97.4	7.5	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
365	B00R_062_012e	0.5	0.5	0.625	0.625	0.125	0.562	270	0.5	0.59	0.625	58.3	0.2	−8.1	8.1	271.7	0.5	0.5	0.625	55.7	2.0	−3.4	4.0	299.9	5.6	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
366	B00R_075_025e	0.5	0.5	0.75	0.75	0.25	0.625	270	0.5	0.681	0.75	62.6	0.4	−16.3	16.3	271.7	0.5	0.5	0.75	58.2	7.5	−16.6	18.3	294.2	8.2	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
367	B00R_087_037e	0.5	0.5	0.875	0.875	0.375	0.687	270	0.5	0.772	0.875	66.8	0.7	−24.4	24.4	271.7	0.5	0.5	0.875	59.1	15.2	−30.5	34.1	296.5	17.5	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
368	B00R_100_050e	0.5	0.5	1.0	1.0	0.5	0.75	270	0.5	0.862	1.0	71.1	0.9	−32.6	32.6	271.7	0.5	0.5	1.0	58.7	23.0	−43.5	49.3	297.8	27.6	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
369	Y18G_062_062e	0.5	0.625	0.0	0.625	0.625	0.312	101	0.507	0.625	0.0	56.6	−16.2	60.2	62.3	105.1	0.5	0.625	0.0	55.8	−16.5	57.6	60.0	106.0	2.6	100	0.811	1.0	0.0	83.9	−26.0	96.3	99.8	105.1
370	Y23G_062_050e	0.5	0.625	0.125	0.625	0.5	0.375	104	0.497	0.625	0.125	56.7	−15.4	45.7	48.2	108.6	0.5	0.625	0.125	56.0	−18.5	47.6	51.1	111.2	3.7	104	0.744	1.0	0.0	80.9	−30.8	91.4	96.5	108.6
371	Y31G_062_037e	0.5	0.625	0.25	0.625	0.375	0.437	109	0.492	0.625	0.25	56.9	−14.2	31.4	34.5	114.4	0.5	0.625	0.25	57.1	−17.2	37.4	41.1	114.7	6.6	110	0.647	1.0	0.0	76.0	−38.1	83.8	92.1	114.4
372	Y50G_062_025e	0.5	0.625	0.375	0.625	0.25	0.5	120	0.487	0.625	0.375	57.3	−13.2	17.4	21.8	127.2	0.5	0.625	0.375	57.7	−15.0	26.5	30.4	119.4	9.2	123	0.451	1.0	0.0	67.3	−53.0	69.6	87.5	127.2
373	G00B_062_012e	0.5	0.625	0.5	0.625	0.125	0.562	150	0.5	0.625	0.507	58.4	−9.7	3.1	10.2	162.2	0.5	0.625	0.5	58.6	−11.1	13.0	17.1	130.3	10.0	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
374	G50B_062_012e	0.5	0.625	0.625	0.625	0.125	0.562	210	0.5	0.625	0.586	59.0	−5.4	−4.1	6.8	216.9	0.5	0.625	0.625	59.4	−6.7	0.6	6.7	174.4	4.9	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9
375	G75B_075_025e	0.5	0.625	0.75	0.75	0.25	0.625	240	0.5	0.75	0.729	64.5	−6.2	−12.9	14.3	244.3	0.5	0.625	0.75	63.5	−3.7	−11.4	12.0	251.6	2.9	205	0.0	1.0	0.917	53.0	−24.8	−51.7	57.3	244.3
376	G84B_087_037e	0.5	0.625	0.875	0.875	0.375	0.687	251	0.5	0.871	0.875	69.8	−6.1	−22.1	22.9	254.3	0.5	0.625	0.875	65.2	2.6	−25.4	25.5	276.0	10.5	210	0.0	0.991	1.0	53.3	−16.4	−59.0	61.3	254.3
377	G88B_100_050e	0.5	0.625	1.0	1.0	0.5	0.75	256	0.5	0.961	1.0	74.1	−5.9	−30.3	30.9	258.9	0.5	0.625	1.0	63.6	11.0	−40.7	42.2	285.1	22.4	214	0.0	0.922	1.0	51.2	−11.8	−60.7	61.9	258.9
378	Y31G_075_075e	0.5	0.75	0.0	0.75	0.75	0.375	109	0.485	0.75	0.0	59.7	−28.5	62.8	69.0	114.4	0.5	0.75	0.0	62.3	−27.1	63.2	68.7	113.2	2.9	110	0.647	1.0	0.0	76.0	−38.1	83.8	92.1	114.4
379	Y38G_075_062e	0.5	0.75	0.125	0.75	0.625	0.437	113	0.484	0.75	0.125	60.3	−27.3	49.0	56.1	119.1	0.5	0.75	0.125	62.3	−30.6	52.0	60.4	120.5	4.9	115	0.575	1.0	0.0	72.6	−43.7	78.5	89.8	119.1
380	Y50G_075_050e	0.5	0.75	0.25	0.75	0.5	0.5	120	0.475	0.75	0.25	60.7	−26.5	34.8	43.7	127.2	0.5	0.75	0.25	63.2	−30.0	40.3	50.3	126.6	7.0	123	0.451	1.0	0.0	67.3	−53.0	69.6	87.5	127.2
381	Y68G_075_037e	0.5	0.75	0.375	0.75	0.375	0.562	131	0.476	0.75	0.375	61.4	−24.6	20.6	32.1	140.0	0.5	0.75	0.375	64.3	−27.6	28.7	39.8	133.9	9.1	134	0.271	1.0	0.0	59.5	−65.7	55.0	85.7	140.0
382	G00B_075_025e	0.5	0.75	0.5	0.75	0.25	0.625	150	0.5	0.75	0.515	62.7	−19.5	6.2	20.4	162.2	0.5	0.75	0.5	65.3	−23.6	16.7	28.9	144.7	11.5	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
383	G25B_075_025e	0.5	0.75	0.625	0.75	0.25	0.625	180	0.5	0.75	0.609	63.5	−15.6	−2.6	15.9	189.6	0.5	0.75	0.625	66.3	−18.5	4.3	19.0	166.7	8.0	175	0.0	1.0	0.438	49.2	−62.7	−10.6	63.6	189.6
384	G50B_075_025e	0.5	0.75	0.75	0.75	0.25	0.625	210	0.5	0.75	0.672	64.0	−10.9	−8.2	13.7	216.9	0.5	0.75	0.75	67.1	−13.1	−7.2	15.0	208.9	3.8	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9
385	G65B_087_037e	0.5	0.75	0.875	0.875	0.375	0.687	229	0.5	0.875	0.812	69.5	−11.9	−16.7	20.5	234.3	0.5	0.75	0.875	70.2	−8.8	−20.6	22.4	246.7	5.0	200	0.0	1.0	0.832	52.3	−31.9	−44.5	54.8	234.3
386	G75B_100_050e	0.5	0.75	1.0	1.0	0.5	0.75	240	0.5	1.0	0.958	75.0	−12.4	−25.8	28.6	244.3	0.5	0.75	1.0	68.6	−0.6	−36.9	36.9	268.9	17.3	205	0.0	1.0	0.917	53.0	−24.8	−51.7	57.3	244.3
387	Y41G_087_087e	0.5	0.875	0.0	0.875	0.875	0.437	115	0.472	0.875	0.0	63.6	−40.6	66.4	77.9	121.4	0.5	0.875	0.0	67.0	−38.8	69.4	79.5	119.2	4.8	117	0.539	1.0	0.0	71.1	−46.4	75.9	89.0	121.4
388	Y50G_087_075e	0.5	0.875	0.125	0.875	0.75	0.5	120	0.463	0.875	0.125	64.0	−39.7	52.2	65.6	127.2	0.5	0.875	0.125	67.5	−43.7	57.6	72.3	127.1	7.5	123	0.451	1.0	0.0	67.3	−53.0	69.6	87.5	127.2
389	Y61G_087_062e	0.5	0.875	0.25	0.875	0.625	0.562	127	0.458	0.875	0.25	64.5	−38.4	37.8	53.9	135.4	0.5	0.875	0.25	68.2	−44.7	45.3	63.6	134.6	10.4	130	0.333	1.0	0.0	62.3	−61.4	60.5	86.2	135.4
390	Y76G_087_050e	0.5	0.875	0.375	0.875	0.5	0.625	136	0.473	0.875	0.375	65.7	−35.3	23.8	42.6	145.9	0.5	0.875	0.375	69.5	−42.1	33.8	54.0	141.2	12.6	139	0.196	1.0	0.0	55.9	−70.6	47.7	85.2	145.9
391	G00B_087_037e	0.5	0.875	0.5	0.875	0.375	0.687	150	0.5	0.875	0.523	67.0	−29.2	9.3	30.7	162.2	0.5	0.875	0.5	70.9	−37.3	20.3	42.5	151.4	14.1	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
392	G15B_087_037e	0.5	0.875	0.625	0.875	0.375	0.687	169	0.5	0.875	0.619	67.9	−26.3	0.2	26.3	179.5	0.5	0.875	0.625	72.1	−31.8	7.3	32.6	166.9	9.9	168	0.0	1.0	0.318	48.1	−70.2	0.5	70.2	179.5
393	G34B_087_037e	0.5	0.875	0.75	0.875	0.375	0.687	191	0.5	0.875	0.702	68.6	−20.8	−7.4	22.1	199.6	0.5	0.875	0.75	73.2	−25.5	−4.5	25.9	190.1	7.1	182	0.0	1.0	0.538	50.0	−55.5	−19.8	59.0	199.6
394	G50B_087_037e	0.5	0.875	0.875	0.875	0.375	0.687	210	0.5	0.875	0.758	69.1	−16.4	−12.3	20.5	216.9	0.5	0.875	0.875	74.3	−18.9	−16.3	25.0	220.7	7.0	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9
395	G61B_100_050e	0.5	0.875	1.0	1.0	0.5	0.75	224	0.5	1.0	0.897	74.5	−17.5	−20.7	27.1	229.7	0.5	0.875	1.0	73.7	−12.2	−32.8	35.1	249.4	13.2	198	0.0	1.0	0.794	52.0	−35.1	−41.5	54.3	229.7
396	Y50G_100_100e	0.5	1.0	0.0	1.0	1.0	0.5	120	0.451	1.0	0.0	67.3	−53.0	69.6	87.5	127.2	0.5	1.0	0.0	69.4	−49.3	73.0	88.1	124.0	5.3	123	0.451	1.0	0.0	67.3	−53.0	69.6	87.5	127.2
397	Y58G_100_087e	0.5	1.0	0.125	1.0	0.875	0.562	125	0.444	1.0	0.125	67.8	−51.7	55.2	75.7	133.0	0.5	1.0	0.125	69.3	−56.4	65.8	86.7	130.6	11.6	128	0.364	1.0	0.0	63.7	−59.1	63.1	86.5	133.0
398	Y68G_100_075e	0.5	1.0	0.25	1.0	0.75	0.625	131	0.453	1.0	0.25	68.8	−49.3	41.2	64.3	140.0	0.5	1.0	0.25	70.6	−57.7	52.1	77.7	137.9	13.8	134	0.271	1.0	0.0	59.5	−65.7	55.0	85.7	140.0
399	Y81G_100_062e	0.5	1.0	0.375	1.0	0.625	0.687	139	0.47	1.0	0.375	70.0	−45.7	27.0	53.1	149.4	0.5	1.0	0.375	72.4	−54.7	37.4	66.3	145.6	13.9	141	0.152	1.0	0.0	53.8	−73.2	43.2	85.0	149.4
400	G00B_100_050e	0.5	1.0	0.5	1.0	0.5	0.75	150	0.5	1.0	0.531	71.4	−39.0	12.5	40.9	162.2	0.5	1.0	0.5	74.0	−50.5	24.9	56.3	153.7	17.1	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
401	G11B_100_050e	0.5	1.0	0.625	1.0	0.5	0.75	164	0.5	1.0	0.628	72.3	−36.7	3.2	36.9	175.0	0.5	1.0	0.625	75.2	−44.6	10.9	46.0	166.1	11.4	164	0.0	1.0	0.256	47.6	−73.5	6.4	73.8	175.0
402	G25B_100_050e	0.5	1.0	0.75	1.0	0.5	0.75	180	0.5	1.0	0.719	73.1	−31.3	−5.3	31.8	189.6	0.5	1.0	0.75	76.2	−38.0	−2.5	38.1	183.8	7.9	175	0.0	1.0	0.438	49.2	−62.7	−10.6	63.6	189.6
403	G38B_100_050e	0.5	1.0	0.875	1.0	0.5	0.75	196	0.5	1.0	0.79	73.7	−26.2	−11.7	28.7	204.2	0.5	1.0	0.875	76.9	−31.3	−15.3	34.9	206.0	7.0	185	0.0	1.0	0.58	50.4	−52.4	−23.5	57.5	204.2
404	G50B_100_050e	0.5	1.0	1.0	1.0	0.5	0.75	210	0.5	1.0	0.844	74.1	−21.8	−16.4	27.4	216.9	0.5	1.0	1.0	77.9	−23.5	−28.2	36.7	230.1	12.4	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9

Mean color difference of this page: delta $E^{*\prime}$ = 13.2

1−0131230−F0

ZE150−7N, Page 13/38−F

TUB-test chart ZE15; test chart G of CIE R8−09:2015
colors and differences, $\Delta E^{*\prime}$, 3D=0, de=1, *RGB*

input: *rgb/cmyk* −> *rgb*$_e$
output: transfer to *rgb*$_e$

see similar files: http://farbe.li.tu-berlin.de/ZE15/ZE15.HTM
http://130.149.60.45/~farbmetrik or http://farbe.li.tu-berlin.de

TUB registration: 20160101-ZE15/ZE15L0NP.PDF /.PS
application for measurement of photo printer output, separation rgb (CMYK)
TUB material: code=rha4ta

n	HIC*$_{Fe}$	rgb$_{Fe}$			ict$_{Fe}$			hsi$_{F,e}$	rgb*$_{Fe}$			LabCh*$_{Fe}$					rgb*'$_{Fe}$			LabCh*'$_{Fe}$					DE*'$_{Fe}$	hsi$_{M,e}$	rgb*$_{Me}$			LabCh*$_{Me}$				
405	R00Y_062_062e	0.625	0.0	0.0	0.625	0.625	0.312	390	0.625	0.0	0.202	35.3	45.0	21.4	49.8	25.4	0.625	0.0	0.0	34.7	43.9	30.9	53.7	35.1	9.5	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
406	R31Y_062_062e	0.625	0.0	0.125	0.625	0.625	0.312	379	0.625	0.0	0.359	35.5	46.5	10.9	47.8	13.2	0.625	0.0	0.125	34.9	45.1	23.8	50.9	27.8	12.9	355	1.0	0.0	0.575	50.1	74.5	17.5	76.5	13.2
407	R11Y_062_062e	0.625	0.0	0.25	0.625	0.625	0.312	367	0.625	0.0	0.521	35.6	49.0	−0.1	49.0	359.8	0.625	0.0	0.25	35.0	46.3	15.7	48.9	18.7	16.1	338	1.0	0.0	0.834	50.4	78.4	−0.1	78.4	359.8
408	B69R_062_062e	0.625	0.0	0.375	0.625	0.625	0.312	353	0.605	0.0	0.625	35.1	50.1	−8.4	50.8	350.4	0.625	0.0	0.375	35.3	47.8	7.7	48.5	9.2	16.4	328	0.968	0.0	1.0	49.6	80.2	−13.5	81.3	350.4
409	B59R_062_062e	0.625	0.0	0.5	0.625	0.625	0.312	341	0.451	0.0	0.625	30.3	44.7	−17.1	47.8	339.0	0.625	0.0	0.5	35.4	50.3	−1.0	50.3	358.7	17.7	314	0.722	0.0	1.0	41.8	71.5	−27.4	76.6	339.0
410	B50R_062_062e	0.625	0.0	0.625	0.625	0.625	0.312	330	0.32	0.0	0.625	26.1	40.7	−24.8	47.7	328.6	0.625	0.0	0.625	35.5	52.8	−9.3	53.7	349.9	21.8	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
411	B42R_075_075e	0.625	0.0	0.75	0.75	0.75	0.375	321	0.243	0.0	0.75	24.3	45.2	−37.8	58.9	320.0	0.625	0.0	0.75	38.2	59.3	−17.2	61.8	343.8	28.5	288	0.324	0.0	1.0	28.7	60.3	−50.4	78.6	320.0
412	B36R_087_087e	0.625	0.0	0.875	0.875	0.875	0.437	314	0.14	0.0	0.875	21.3	48.9	−51.6	71.1	313.4	0.625	0.0	0.875	39.4	64.4	−25.5	69.3	338.3	35.3	278	0.16	0.0	1.0	22.8	55.9	−59.0	81.3	313.4
413	B31R_100_100e	0.625	0.0	1.0	1.0	1.0	0.5	308	0.021	0.0	1.0	19.6	50.1	−64.7	81.9	307.7	0.625	0.0	1.0	38.6	68.7	−33.3	76.4	334.0	41.0	271	0.021	0.0	1.0	19.6	50.1	−64.7	81.9	307.7
414	R18Y_062_062e	0.625	0.125	0.0	0.625	0.625	0.312	41	0.625	0.0	0.0	34.9	43.1	33.3	54.5	37.7	0.625	0.125	0.0	40.9	31.4	39.6	50.5	51.5	14.5	389	1.0	0.0	0.0	49.2	69.0	53.3	87.2	37.7
415	R00Y_062_050e	0.625	0.125	0.125	0.625	0.5	0.375	390	0.625	0.125	0.286	41.2	36.0	17.1	39.8	25.4	0.625	0.125	0.125	40.6	32.9	30.7	45.1	42.9	13.9	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
416	R26Y_062_050e	0.625	0.125	0.25	0.625	0.5	0.375	376	0.625	0.125	0.444	41.3	37.6	6.5	38.2	9.8	0.625	0.125	0.25	41.0	34.1	20.7	39.9	31.3	14.6	350	1.0	0.0	0.639	50.1	75.2	13.1	76.4	9.8
417	R00Y_062_050e	0.625	0.125	0.375	0.625	0.5	0.375	360	0.625	0.125	0.621	41.5	40.6	−5.6	41.0	352.0	0.625	0.125	0.375	41.5	36.0	10.0	37.3	15.5	16.3	330	1.0	0.0	0.992	50.5	81.2	−11.3	82.0	352.0
418	B61R_062_050e	0.625	0.125	0.5	0.625	0.5	0.375	344	0.515	0.125	0.625	38.1	36.6	−12.0	38.6	341.8	0.625	0.125	0.5	41.8	39.0	−0.5	39.0	359.1	12.2	317	0.78	0.0	1.0	43.6	73.3	−24.0	77.2	341.8
419	B50R_062_050e	0.625	0.125	0.625	0.625	0.5	0.375	330	0.381	0.125	0.625	33.8	32.5	−19.8	38.1	328.6	0.625	0.125	0.625	41.7	43.4	−11.4	44.9	345.2	15.8	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
420	B40R_075_062e	0.625	0.125	0.75	0.75	0.625	0.437	319	0.298	0.125	0.75	31.8	36.9	−33.0	49.5	318.1	0.625	0.125	0.75	44.5	50.7	−20.6	54.7	337.8	22.4	285	0.278	0.0	1.0	27.1	59.0	−52.8	79.2	318.1
421	B34R_087_075e	0.625	0.125	0.875	0.875	0.75	0.5	311	0.192	0.125	0.875	29.2	39.9	−46.6	61.4	310.5	0.625	0.125	0.875	45.5	57.2	−30.3	64.7	332.0	28.8	274	0.09	0.0	1.0	20.9	53.3	−62.2	81.9	310.5
422	B29R_100_087e	0.625	0.125	1.0	1.0	0.875	0.562	305	0.125	0.181	1.0	30.9	41.4	−59.3	72.4	304.9	0.625	0.125	1.0	44.3	63.5	−40.2	75.2	327.6	32.1	266	0.0	0.064	1.0	21.5	47.3	−67.8	82.7	304.9
423	R38Y_062_062e	0.625	0.25	0.0	0.625	0.625	0.312	53	0.625	0.132	0.0	40.5	34.4	42.6	54.8	51.0	0.625	0.25	0.0	46.5	18.1	46.0	49.5	68.4	17.6	41	1.0	0.211	0.0	58.2	55.0	68.2	87.7	51.0
424	R23Y_062_050e	0.625	0.25	0.125	0.625	0.5	0.375	44	0.625	0.154	0.125	42.0	33.0	28.7	43.7	41.0	0.625	0.25	0.125	46.8	19.1	37.3	42.0	62.8	16.9	33	1.0	0.059	0.0	51.5	66.0	57.5	87.5	41.0
425	R00Y_062_037e	0.625	0.25	0.25	0.625	0.375	0.437	390	0.625	0.25	0.371	47.1	27.0	12.8	29.9	25.4	0.625	0.25	0.25	46.9	20.9	26.7	33.9	51.9	15.1	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
426	R18Y_062_037e	0.625	0.25	0.375	0.625	0.375	0.437	371	0.625	0.25	0.528	47.2	28.7	2.1	28.8	4.3	0.625	0.25	0.375	47.3	23.1	15.4	27.8	33.7	14.4	344	1.0	0.0	0.743	50.2	76.6	5.7	76.8	4.3
427	B65R_062_037e	0.625	0.25	0.5	0.625	0.375	0.437	349	0.579	0.25	0.625	46.0	28.8	−6.8	29.6	346.6	0.625	0.25	0.5	47.7	26.0	3.5	26.2	7.8	10.9	323	0.878	0.0	1.0	46.8	76.8	−18.2	78.9	346.6
428	B50R_062_037e	0.625	0.25	0.625	0.625	0.375	0.437	330	0.442	0.25	0.625	41.6	24.4	−14.9	28.6	328.6	0.625	0.25	0.625	48.4	29.2	−7.4	30.1	345.6	11.1	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
429	B38R_075_050e	0.625	0.25	0.75	0.75	0.5	0.5	316	0.353	0.25	0.75	39.3	28.5	−28.2	40.2	315.3	0.625	0.25	0.75	51.0	37.9	−18.6	42.3	333.8	17.7	281	0.207	0.0	1.0	24.6	57.1	−56.5	80.4	315.3
430	B30R_087_062e	0.625	0.25	0.875	0.875	0.625	0.562	307	0.25	0.251	0.875	37.7	30.6	−40.9	51.2	306.8	0.625	0.25	0.875	52.1	45.2	−30.3	54.4	326.1	23.0	269	0.0	0.002	1.0	19.3	49.0	−65.5	81.9	306.8
431	B25R_100_075e	0.625	0.25	1.0	1.0	0.75	0.625	300	0.25	0.395	1.0	44.0	30.7	−52.9	61.2	300.1	0.625	0.25	1.0	50.8	52.5	−41.7	67.0	321.5	25.3	259	0.0	0.194	1.0	26.3	41.0	−70.5	81.6	300.1
432	R61Y_062_062e	0.625	0.375	0.0	0.625	0.625	0.312	67	0.625	0.269	0.0	46.7	21.6	50.3	54.8	66.6	0.625	0.375	0.0	51.9	6.8	52.9	53.3	82.6	15.9	55	1.0	0.431	0.0	68.1	34.7	80.5	87.7	66.6
433	R50Y_062_050e	0.625	0.375	0.125	0.625	0.5	0.375	60	0.625	0.283	0.125	47.9	22.5	37.4	43.7	58.8	0.625	0.375	0.125	52.1	7.4	43.6	44.2	80.2	16.8	48	1.0	0.317	0.0	63.2	45.1	74.8	87.4	58.8
434	R31Y_062_037e	0.625	0.375	0.25	0.625	0.375	0.437	49	0.625	0.306	0.25	49.1	22.6	23.9	32.9	46.6	0.625	0.375	0.25	52.4	8.7	33.0	34.2	75.1	16.8	38	1.0	0.151	0.0	55.3	60.3	63.8	87.8	46.6
435	R00Y_062_025e	0.625	0.375	0.375	0.625	0.25	0.5	390	0.625	0.375	0.455	53.0	18.0	8.5	19.9	25.4	0.625	0.375	0.375	52.5	11.4	21.2	24.1	61.7	14.3	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
436	R00Y_062_025e	0.625	0.375	0.5	0.625	0.25	0.5	360	0.625	0.375	0.623	53.1	20.3	−2.8	20.5	352.0	0.625	0.375	0.5	53.2	14.0	9.0	16.6	32.8	13.4	330	1.0	0.0	0.992	50.5	81.2	−11.3	82.0	352.0
437	B50R_062_025e	0.625	0.375	0.625	0.625	0.25	0.5	330	0.503	0.375	0.625	49.3	16.2	−9.9	19.0	328.6	0.625	0.375	0.625	54.1	17.5	−2.9	17.7	350.2	8.5	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
438	B34R_075_037e	0.625	0.375	0.75	0.75	0.375	0.562	311	0.408	0.375	0.75	47.0	19.9	−23.3	30.7	310.5	0.625	0.375	0.75	56.9	25.0	−14.9	29.1	329.2	13.9	274	0.09	0.0	1.0	20.9	53.3	−62.2	81.9	310.5
439	B25R_087_050e	0.625	0.375	0.875	0.875	0.5	0.625	300	0.375	0.472	0.875	50.9	20.5	−35.2	40.8	300.1	0.625	0.375	0.875	58.1	32.8	−27.6	42.9	319.9	16.2	259	0.0	0.194	1.0	26.3	41.0	−70.5	81.6	300.1
440	B19R_100_062e	0.625	0.375	1.0	1.0	0.625	0.687	293	0.375	0.584	1.0	56.3	19.1	−44.0	48.0	293.5	0.625	0.375	1.0	57.2	39.6	−40.1	56.4	314.6	20.8	250	0.0	0.334	1.0	31.9	30.7	−70.5	76.9	293.5
441	R81Y_062_062e	0.625	0.5	0.0	0.625	0.625	0.312	79	0.625	0.407	0.0	52.2	9.9	56.6	57.5	80.0	0.625	0.5	0.0	55.9	−2.0	58.3	58.4	92.0	12.6	69	1.0	0.651	0.0	76.8	15.8	90.6	92.0	80.0
442	R76Y_062_050e	0.625	0.5	0.125	0.625	0.5	0.375	76	0.625	0.422	0.125	53.6	10.3	43.9	45.1	76.7	0.625	0.5	0.125	56.5	−2.0	49.5	49.6	92.3	13.9	66	1.0	0.595	0.0	74.6	20.7	87.9	90.3	76.7
443	R68Y_062_037e	0.625	0.5	0.25	0.625	0.375	0.437	71	0.625	0.438	0.25	55.0	10.7	31.3	33.1	71.1	0.625	0.5	0.25	56.9	−1.1	39.3	39.3	91.6	14.4	60	1.0	0.502	0.0	71.0	28.5	83.6	88.4	71.1
444	R50Y_062_025e	0.625	0.5	0.375	0.625	0.25	0.5	60	0.625	0.454	0.375	56.3	11.2	18.7	21.8	58.8	0.625	0.5	0.375	57.4	0.6	27.5	27.5	88.5	13.8	48	1.0	0.317	0.0	63.2	45.1	74.8	87.4	58.8
445	R00Y_062_012e	0.625	0.5	0.5	0.625	0.125	0.562	390	0.625	0.5	0.54	58.9	9.0	4.2	9.9	25.4	0.625	0.5	0.5	58.2	3.5	15.0	15.4	76.8	12.1	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
446	B50R_062_012e	0.625	0.5	0.625	0.625	0.125	0.562	330	0.564	0.5	0.625	57.0	8.1	−4.9	9.5	328.6	0.625	0.5	0.625	59.3	6.9	1.8	7.2	14.9	7.3	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
447	B25R_075_025e	0.625	0.5	0.75	0.75	0.25	0.625	300	0.5	0.548	0.75	57.8	10.2	−17.6	20.4	300.1	0.625	0.5	0.75	62.9	12.7	−10.0	16.2	321.7	9.4	259	0.0	0.194	1.0	26.3	41.0	−70.5	81.6	300.1
448	B15R_087_037e	0.625	0.5	0.875	0.875	0.375	0.687	289	0.5	0.653	0.875	62.9	9.4	−26.2	27.8	289.7	0.625	0.5	0.875	63.9	20.5	−23.8	31.5	310.7	11.4	245	0.0	0.409	1.0	34.8	25.1	−69.9	74.3	289.7
449	B11R_100_050e	0.625	0.5	1.0	1.0	0.5	0.75	284	0.5	0.751	1.0	67.5	9.2	−34.4	35.6	285.0	0.625	0.5	1.0	62.7	27.9	−38.0	47.1	306.2	19.6	239	0.0	0.503	1.0	38.1	18.4	−68.9	71.3	285.0
450	Y00G_062_062e	0.625	0.625	0.0	0.625	0.625	0.312	90	0.625	0.55	0.0	57.9	−2.5	63.5	63.5	92.3	0.625	0.625	0.0	59.5	−9.4	63.8	64.5	98.4	7.0	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
451	Y00G_062_050e	0.625	0.625	0.125	0.625	0.5	0.375	90	0.625	0.565	0.125	59.3	−2.0	50.8	50.8	92.3	0.625	0.625	0.125	60.2	−9.8	55.6	56.5	100.0	9.2	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
452	Y00G_062_037e	0.625	0.625	0.25	0.625	0.375	0.437	90	0.625	0.58	0.25	60.6	−1.5	38.1	38.1	92.3	0.625	0.625	0.25	60.9	−9.1	44.2	45.1	101.6	9.7	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
453	Y00G_062_025e	0.625	0.625	0.375	0.625	0.25	0.5	90	0.625	0.595	0.375	62.0	−1.0	25.4	25.4	92.3	0.625	0.625	0.375	61.3	−7.4	32.5	33.4	102.8	9.6	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
454	Y00G_062_012e	0.625	0.625	0.5	0.625	0.125	0.562	90	0.625	0.61	0.5	63.4	−0.5	12.7	12.7	92.3	0.625	0.625	0.5	62.3	−4.8	19.7	20.3	103.7	8.3	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
455	NW_062e	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	64.7	0.0	0.0	0.0	0.0	0.625	0.625	0.625	63.1	−0.8	6.2	6.3	97.9	6.5	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
456	B00R_075_012e	0.625	0.625	0.75	0.75	0.125	0.687	270	0.625	0.715	0.75	69.0	0.2	−8.1	8.1	271.7	0.625	0.625	0.75	68.0	2.0	−5.0	5.4	292.0	3.7	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
457	B00R_087_025e	0.625	0.625	0.875	0.875	0.25	0.75	270	0.625	0.806	0.875	73.3	0.4	−16.3	16.3	271.7	0.625	0.625	0.875	70.0	7.8	−18.6	20.2	292.8	8.3	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
458	B00R_100_037e	0.625	0.625	1.0	1.0	0.375	0.812	270	0.625	0.897	1.0	77.6	0.7	−24.4	24.4	271.7	0.625	0.625	1.0	67.8	15.8	−35.2	38.6	294.2	20.9	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
459	Y15G_075_075e	0.625	0.75	0.0	0.75	0.75	0.375	99	0.642	0.75	0.0	67.1	−16.9	74.6	76.5	102.7	0.625	0.75	0.0	67.1	−18.4	71.7	74.0	104.4	3.3	97	0.857	1.0	0.0	85.8	−22.6	99.5	102.0	102.7
460	Y18G_075_062e	0.625	0.75	0.125	0.75	0.625	0.437	101	0.632	0.75	0.125	67.3	−16.2	60.2	62.3	105.1	0.625	0.75	0.125	67.4	−20.6	59.8	63.3	109.0	4.3	100	0.811	1.0	0.0	83.9	−26.0	96.3	99.8	105.1
461	Y23G_075_050e	0.625	0.75	0.25	0.75	0.5	0.5	104	0.622	0.75	0.25	67.5	−15.4	45.7	48.2	108.6	0.625	0.75	0.25	68.1	−20.2	48.7	52.8	112.4	5.7	104	0.744	1.0	0.0	80.9	−30.8	91.4	96.5	108.6
462	Y31G_075_037e	0.625	0.75	0.375	0.75	0.375	0.562	109	0.617	0.75	0.375	67.6	−14.2	31.4	34.5	114.4	0.625	0.75	0.375	69.1	−18.4	37.5	41.8	116.2	7.5	110	0.647	1.0	0.0	76.0	−38.1	83.8	92.1	114.4
463	Y50G_075_025e	0.625	0.75	0.5	0.75	0.25	0.625	120	0.612	0.75	0.5	68.1	−13.2	17.4	21.8	127.2	0.625	0.75	0.5	70.1	−15.1	24.6	28.8	121.6	7.6	123	0.451	1.0	0.0	67.3	−53.0	69.6	87.5	127.2
464	G00B_075_012e	0.625	0.75	0.625	0.75	0.125	0.687	150	0.625	0.75	0.632	69.1	−9.7	3.1	10.2	162.2	0.625	0.75	0.625	70.8	−10.9	11.6	15.9	133.3	8.7	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
465	G50B_075_012e	0.625	0.75	0.75	0.75	0.125	0.687	210	0.625	0.75	0.711	69.8	−5.4	−4.1	6.8	216.9	0.625	0.75	0.75	71.5	−6.4	−1.0	6.5	189.1	3.6	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9
466	G75B_087_025e	0.625	0.75	0.875	0.875	0.25	0.75	240	0.625	0.875	0.854	75.2	−6.2	−12.9	14.3	244.3	0.625	0.75	0.875	75.2	−3.0	−13.7	14.1	257.4	3.2	205	0.0	1.0	0.917	53.0	−24.8	−51.7	57.3	244.3
467	G84B_100_037e	0.625	0.75	1.0	1.0	0.375	0.812	251	0.625	0.996	1.0	80.6	−6.1	−22.1	22.9	254.3	0.625	0.75	1.0	73.3	4.1	−30.2	30.5	277.8	15.0	210	0.0	0.991	1.0	53.3	−16.4	−59.0	61.3	254.3
468	Y26G_087_087e	0.625	0.875	0.0	0.875	0.875	0.437	106	0.617	0.875	0.0	70.5	−29.6	77.4	82.9	110.9	0.625	0.875	0.0	72.5	−28.9	78.5	83.7	110.2	2.4	106	0.705	1.0	0.0	78.9	−33.8	88.4	94.7	110.9
469	Y31G_087_075e	0.625	0.875	0.125	0.875	0.75	0.5	109	0.61	0.875	0.125	70.5	−28.5	62.8	69.0	114.4	0.625	0.875	0.125	72.7	−32.9	65.8	73.6	116.6	5.7	110	0.647	1.0	0.0	76.0	−38.1	83.8	92.1	114.4
470	Y38G_087_062e	0.625	0.875	0.25	0.875	0.625	0.562	113	0.609	0.875	0.25	71.0	−27.3	49.0	56.1	119.1	0.625	0.875	0.25	73.2	−33.7	53.4	63.2	122.2	8.0	115	0.575	1.0	0.0	72.6	−43.7	78.5	89.8	119.1
471	Y50G_087_050e	0.625	0.875	0.375	0.875	0.5	0.625	120	0.6	0.875	0.375	71.4	−26.5	34.8	43.7	127.2	0.625	0.875	0.375	74.4	−31.5	42.3	52.8	126.6	9.5	123	0.451	1.0	0.0	67.3	−53.0	69.6	87.5	127.2
472	Y68G_087_037e	0.625	0.875	0.5	0.875	0.375	0.687	131	0.601	0.875	0.5	72.2	−24.6	20.6	32.1	140.0	0.625	0.875	0.5	75.8	−27.8	29.2	40.3	133.6	9.8	134	0.271	1.0	0.0	59.5	−65.7	55.0	85.7	140.0
473	G00B_087_025e	0.625	0.875	0.625	0.875	0.25	0.75	150	0.625	0.875	0.64	73.4	−19.5	6.2	20.4	162.2	0.625	0.875	0.625	77.0	−23.0	15.7	27.8	145.6	10.7	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
474	G25B_087_025e	0.625	0.875	0.75	0.875	0.25	0.75	180	0.625	0.875	0.734	74.3	−15.6	−2.6	15.9	189.6	0.625	0.875	0.75	77.7	−18.0	3.2	18.3	169.6	7.2	175	0.0	1.0	0.438	49.2	−62.7	−10.6	63.6	189.6
475	G50B_087_025e	0.625	0.875	0.875	0.875	0.25	0.75	210	0.625	0.875	0.797	74.8	−10.9	−8.2	13.7	216.9	0.625	0.875	0.875	78.6	−12.4	−9.6	15.7	217.6	4.3	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9
476	G65B_100_037e	0.625	0.875	1.0	1.0	0.375	0.812	229	0.625	1.0	0.937	80.2	−11.9	−16.7	20.5	234.3	0.625	0.875	1.0	78.3	−7.1	−25.9	26.8	254.5	10.5	200	0.0	1.0	0.832	52.3	−31.9	−44.5	54.8	234.3
477	Y36G_100_100e	0.625	1.0	0.0	1.0	1.0	0.5	112	0.592	1.0	0.0	73.4	−42.3	79.7	90.3	117.9	0.625	1.0	0.0	74.8	−39.6	81.9	91.0	115.8	3.6	113	0.592	1.0	0.0	73.4	−42.3	79.7	90.3	117.9
478	Y41G_100_087e	0.625	1.0	0.125	1.0	0.875	0.562	115	0.597	1.0	0.125	74.3	−40.6	66.4	77.9	121.4	0.625	1.0	0.125	75.1	−45.5	73.8	86.7	121.6	8.8	117	0.539	1.0	0.0	71.1	−46.4	75.9	89.0	121.4
479	Y50G_100_075e	0.625	1.0	0.25	1.0	0.75	0.625	120	0.588	1.0	0.25	74.7	−39.7	52.2	65.6	127.2	0.625	1.0	0.25	76.1	−46.5	59.0	75.1	128.2	9.7	123	0.451	1.0	0.0	67.3	−53.0	69.6	87.5	127.2
480	Y61G_100_062e	0.625	1.0	0.375	1.0	0.625	0.687	127	0.583	1.0	0.375	75.3	−38.4	37.8	53.9	135.4	0.625	1.0	0.375	77.6	−44.6	45.6	63.8	134.3	10.3	130	0.333	1.0	0.0	62.3	−61.4	60.5	86.2	135.4
481	Y76G_100_050e	0.625	1.0	0.5	1.0	0.5	0.75	136	0.598	1.0	0.5	76.4	−35.3	23.8	42.6	145.9	0.625	1.0	0.5	78.9	−41.4	32.5	52.6	141.8	10.8	139	0.196	1.0	0.0	55.9	−70.6	47.7	85.2	145.9
482	G00B_100_037e	0.625	1.0	0.625	1.0	0.375	0.812	150	0.625	1.0	0.648	77.8	−29.2	9.3	30.7	162.2	0.625	1.0	0.625	80.0	−36.4	18.2	40.7	153.3	11.6	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
483	G15B_100_037e	0.625	1.0	0.75	1.0	0.375	0.812	169	0.625	1.0	0.744	78.6	−26.3	0.2	26.3	179.5	0.625	1.0	0.75	80.9	−31.0	5.0	31.4	170.8	7.1	168	0.0	1.0	0.318	48.1	−70.2	0.5	70.2	179.5
484	G34B_100_037e	0.625	1.0	0.875	1.0	0.375	0.812	191	0.625	1.0	0.827	79.4	−20.8	−7.4	22.1	199.6	0.625	1.0	0.875	81.7	−25.0	−8.0	26.3	197.6	4.8	182	0.0	1.0	0.538	50.0	−55.5	−19.8	59.0	199.6
485	G50B_100_037e	0.625	1.0	1.0	1.0	0.375	0.812	210	0.625	1.0	0.883	79.8	−16.4	−12.3	20.5	216.9	0.625	1.0	1.0	82.5	−18.2	−21.1	27.9	229.1	9.3	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9

Mean color difference of this page: delta $E^{*'}$ = 13.1

see similar files: http://farbe.li.tu-berlin.de/ZE15/ZE15.HTM
http://130.149.60.45/~farbmetrik or http://farbe.li.tu-berlin.de

TUB registration: 20160101-ZE15/ZE15L0NP.PDF /.PS
application for measurement of photo printer output, separation rgb (CMYK)
TUB material: code=rha4ta

TUB-test chart ZE15; test chart G of CIE R8−09:2015 input: *rgb/cmyk* −> *rgb*$_e$
colors and differences, Δ*E**', 3D=0, de=1, *RGB* output: transfer to *rgb*$_e$

n	HIC*Fe	rgb_Fe			ict_Fe			hsi_F,e	rgb*Fe			LabCh*Fe					rgb*'Fe			LabCh*'Fe					DE*'Fe	hsiM,e	rgb*Me			LabCh*Me				
486	R00Y_075_075e	0.75	0.0	0.0	0.75	0.75	0.375	390	0.75	0.0	0.242	40.2	54.0	25.7	59.8	25.4	0.75	0.0	0.0	40.6	53.0	38.2	65.4	35.7	12.4	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
487	R35Y_075_075e	0.75	0.0	0.125	0.75	0.75	0.375	381	0.75	0.0	0.399	40.3	55.4	15.3	57.5	15.4	0.75	0.0	0.125	40.8	54.2	30.5	62.2	29.3	15.2	357	1.0	0.0	0.532	50.1	73.9	20.4	76.7	15.4
488	R18Y_075_075e	0.75	0.0	0.25	0.75	0.75	0.375	371	0.75	0.0	0.557	40.4	57.4	4.3	57.6	4.3	0.75	0.0	0.25	41.1	55.2	22.9	59.8	22.5	18.7	344	1.0	0.0	0.743	50.2	76.6	5.7	76.8	4.3
489	R00Y_075_075e	0.75	0.0	0.375	0.75	0.75	0.375	360	0.75	0.0	0.744	40.6	60.9	−8.4	61.5	352.0	0.75	0.0	0.375	41.2	56.7	13.9	58.4	13.8	22.8	330	1.0	0.0	0.992	50.5	81.2	−11.3	82.0	352.0
490	B65R_075_075e	0.75	0.0	0.5	0.75	0.75	0.375	349	0.658	0.0	0.75	37.9	57.6	−13.7	59.2	346.6	0.75	0.0	0.5	41.6	58.3	5.8	58.6	5.7	19.9	323	0.878	0.0	1.0	46.8	76.8	−18.2	78.9	346.6
491	B57R_075_075e	0.75	0.0	0.625	0.75	0.75	0.375	339	0.513	0.0	0.75	33.2	52.8	−22.3	57.4	337.1	0.75	0.0	0.625	41.6	60.9	−3.0	61.0	357.1	22.5	312	0.685	0.0	1.0	40.6	70.5	−29.7	76.5	337.1
492	B50R_075_075e	0.75	0.0	0.75	0.75	0.75	0.375	330	0.384	0.0	0.75	29.1	48.8	−29.8	57.2	328.6	0.75	0.0	0.75	41.8	63.3	−11.1	64.3	349.9	26.7	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
493	B43R_087_087e	0.75	0.0	0.875	0.875	0.875	0.437	322	0.303	0.0	0.875	27.2	53.2	−43.1	68.5	321.0	0.75	0.0	0.875	43.2	68.9	−18.8	71.4	344.7	33.0	290	0.347	0.0	1.0	29.5	60.9	−49.2	78.3	321.0
494	B38R_100_100e	0.75	0.0	1.0	1.0	1.0	0.5	316	0.207	0.0	1.0	24.6	57.1	−56.5	80.4	315.3	0.75	0.0	1.0	42.7	72.2	−25.6	76.6	340.4	38.7	281	0.207	0.0	1.0	24.6	57.1	−56.5	80.4	315.3
495	R15Y_075_075e	0.75	0.125	0.0	0.75	0.75	0.375	39	0.75	0.0	0.052	39.8	52.2	37.2	64.1	35.5	0.75	0.125	0.0	46.3	42.4	47.1	63.4	48.0	15.4	386	1.0	0.0	0.069	49.3	69.6	49.6	85.5	35.5
496	R00Y_075_062e	0.75	0.125	0.125	0.75	0.625	0.437	390	0.75	0.125	0.327	46.1	45.0	21.4	49.8	25.4	0.75	0.125	0.125	46.4	43.3	37.9	57.6	41.2	16.5	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
497	R31Y_075_062e	0.75	0.125	0.25	0.75	0.625	0.437	379	0.75	0.125	0.484	46.2	46.5	10.9	47.8	13.2	0.75	0.125	0.25	46.7	44.5	27.3	52.2	31.4	16.4	355	1.0	0.0	0.575	50.1	74.5	17.5	76.5	13.2
498	R11Y_075_062e	0.75	0.125	0.375	0.75	0.625	0.437	367	0.75	0.125	0.646	46.4	49.0	−0.1	49.0	359.8	0.75	0.125	0.375	47.3	45.9	16.4	48.7	19.7	16.8	338	1.0	0.0	0.834	50.4	78.4	−0.1	78.4	359.8
499	B69R_075_062e	0.75	0.125	0.5	0.75	0.625	0.437	353	0.73	0.125	0.75	45.9	50.1	−8.4	50.8	350.4	0.75	0.125	0.5	47.7	48.0	6.1	48.4	7.3	14.9	328	0.968	0.0	1.0	49.6	80.2	−13.5	81.3	350.4
500	B59R_075_062e	0.75	0.125	0.625	0.75	0.625	0.437	341	0.576	0.125	0.75	41.0	44.7	−17.1	47.8	339.0	0.75	0.125	0.625	48.0	51.3	−4.6	51.5	354.7	15.7	314	0.722	0.0	1.0	41.8	71.5	−27.4	76.6	339.0
501	B50R_075_062e	0.75	0.125	0.75	0.75	0.625	0.437	330	0.445	0.125	0.75	36.9	40.7	−24.8	47.7	328.6	0.75	0.125	0.75	47.9	55.2	−15.1	57.2	344.6	20.6	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
502	B42R_087_075e	0.75	0.125	0.875	0.875	0.75	0.5	321	0.368	0.125	0.875	35.0	45.2	−37.8	58.9	320.0	0.75	0.125	0.875	49.4	62.1	−24.2	66.6	338.6	26.0	288	0.324	0.0	1.0	28.7	60.3	−50.4	78.6	320.0
503	B36R_100_087e	0.75	0.125	1.0	1.0	0.875	0.562	314	0.265	0.125	1.0	32.1	48.9	−51.6	71.1	313.4	0.75	0.125	1.0	47.9	68.6	−33.8	76.5	333.7	30.9	278	0.16	0.0	1.0	22.8	55.9	−59.0	81.3	313.4
504	R31Y_075_075e	0.75	0.25	0.0	0.75	0.75	0.375	49	0.75	0.113	0.0	44.2	45.2	47.9	65.8	46.6	0.75	0.25	0.0	52.6	28.7	54.7	61.8	62.2	19.7	38	1.0	0.151	0.0	55.3	60.3	63.8	87.8	46.6
505	R18Y_075_062e	0.75	0.25	0.125	0.75	0.625	0.437	41	0.75	0.125	0.125	45.6	43.1	33.3	54.5	37.7	0.75	0.25	0.125	52.7	29.8	44.6	53.6	56.2	18.8	389	1.0	0.0	0.0	49.2	69.0	53.3	87.2	37.7
506	R00Y_075_050e	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.411	51.9	36.0	17.1	39.8	25.4	0.75	0.25	0.25	53.1	30.7	33.6	45.6	47.5	17.3	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
507	R26Y_075_050e	0.75	0.25	0.375	0.75	0.5	0.5	376	0.75	0.25	0.569	52.1	37.6	6.5	38.2	9.8	0.75	0.25	0.375	53.5	32.3	22.1	39.1	34.3	16.5	350	1.0	0.0	0.639	50.1	75.2	13.1	76.4	9.8
508	R00Y_075_050e	0.75	0.25	0.5	0.75	0.5	0.5	360	0.75	0.25	0.746	52.3	40.6	−5.6	41.0	352.0	0.75	0.25	0.5	53.9	35.1	9.8	36.5	15.6	16.5	330	1.0	0.0	0.992	50.5	81.2	−11.3	82.0	352.0
509	B61R_075_050e	0.75	0.25	0.625	0.75	0.5	0.5	344	0.64	0.25	0.75	48.8	36.6	−12.0	38.6	341.8	0.75	0.25	0.625	54.4	38.2	−1.6	38.3	357.4	11.8	317	0.78	0.0	1.0	43.6	73.3	−24.0	77.2	341.8
510	B50R_075_050e	0.75	0.25	0.75	0.75	0.5	0.5	330	0.506	0.25	0.75	44.6	32.5	−19.8	38.1	328.6	0.75	0.25	0.75	55.0	42.1	−13.0	44.1	342.7	15.7	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
511	B40R_087_062e	0.75	0.25	0.875	0.875	0.625	0.562	319	0.423	0.25	0.875	42.6	36.9	−33.0	49.5	318.1	0.75	0.25	0.875	56.7	49.9	−24.1	55.5	334.2	21.2	285	0.278	0.0	1.0	27.1	59.0	−52.8	79.2	318.1
512	B34R_100_075e	0.75	0.25	1.0	1.0	0.75	0.625	311	0.317	0.25	1.0	39.9	39.9	−46.6	61.4	310.5	0.75	0.25	1.0	55.2	57.3	−35.3	67.4	328.3	25.7	274	0.09	0.0	1.0	20.9	53.3	−62.2	81.9	310.5
513	R50Y_075_075e	0.75	0.375	0.0	0.75	0.75	0.375	60	0.75	0.237	0.0	50.1	33.8	56.1	65.5	58.8	0.75	0.375	0.0	58.0	16.5	61.0	63.2	74.8	19.5	48	1.0	0.317	0.0	63.2	45.1	74.8	87.4	58.8
514	R38Y_075_062e	0.75	0.375	0.125	0.75	0.625	0.437	53	0.75	0.257	0.125	51.3	34.4	42.6	54.8	51.0	0.75	0.375	0.125	58.7	16.5	50.6	53.3	71.9	20.9	41	1.0	0.211	0.0	58.2	55.0	68.2	87.7	51.0
515	R23Y_075_050e	0.75	0.375	0.25	0.75	0.5	0.5	44	0.75	0.279	0.25	52.7	33.0	28.7	43.7	41.0	0.75	0.375	0.25	58.9	17.8	39.4	43.3	65.5	19.4	33	1.0	0.059	0.0	51.5	66.0	57.5	87.5	41.0
516	R00Y_075_037e	0.75	0.375	0.375	0.75	0.375	0.562	390	0.75	0.375	0.496	57.8	27.0	12.8	29.9	25.4	0.75	0.375	0.375	59.2	19.9	27.2	33.8	53.8	16.1	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
517	R18Y_075_037e	0.75	0.375	0.5	0.75	0.375	0.562	371	0.75	0.375	0.653	57.9	28.7	2.1	28.8	4.3	0.75	0.375	0.5	59.5	22.5	15.0	27.1	33.6	14.3	344	1.0	0.0	0.743	50.2	76.6	5.7	76.8	4.3
518	B65R_075_037e	0.75	0.375	0.625	0.75	0.375	0.562	349	0.704	0.375	0.75	56.7	28.8	−6.8	29.6	346.6	0.75	0.375	0.625	60.2	25.5	3.0	25.7	6.8	11.0	323	0.878	0.0	1.0	46.8	76.8	−18.2	78.9	346.6
519	B50R_075_037e	0.75	0.375	0.75	0.75	0.375	0.562	330	0.567	0.375	0.75	52.3	24.4	−14.9	28.6	328.6	0.75	0.375	0.75	61.2	28.9	−8.9	30.3	342.8	11.6	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
520	B38R_087_050e	0.75	0.375	0.875	0.875	0.5	0.625	316	0.478	0.375	0.875	50.0	28.5	−28.2	40.2	315.3	0.75	0.375	0.875	62.7	38.3	−21.2	43.8	331.0	17.5	281	0.207	0.0	1.0	24.6	57.1	−56.5	80.4	315.3
521	B30R_100_062e	0.75	0.375	1.0	1.0	0.625	0.687	307	0.375	0.376	1.0	48.4	30.6	−40.9	51.2	306.8	0.75	0.375	1.0	61.7	44.6	−33.8	55.9	322.8	20.5	269	0.0	0.002	1.0	19.3	49.0	−65.5	81.9	306.8
522	R68Y_075_075e	0.75	0.5	0.0	0.75	0.75	0.375	71	0.75	0.377	0.0	56.0	21.4	62.7	66.3	71.1	0.75	0.5	0.0	63.2	5.6	67.3	67.5	85.1	17.9	60	1.0	0.502	0.0	71.0	28.5	83.6	88.4	71.1
523	R61Y_075_062e	0.75	0.5	0.125	0.75	0.625	0.437	67	0.75	0.394	0.125	57.5	21.6	50.3	54.8	66.6	0.75	0.5	0.125	63.7	5.8	56.6	56.9	84.1	18.1	55	1.0	0.431	0.0	68.1	34.7	80.5	87.7	66.6
524	R50Y_075_050e	0.75	0.5	0.25	0.75	0.5	0.5	60	0.75	0.408	0.25	58.6	22.5	37.4	43.7	58.8	0.75	0.5	0.25	64.1	6.6	45.9	46.4	81.7	18.8	48	1.0	0.317	0.0	63.2	45.1	74.8	87.4	58.8
525	R31Y_075_037e	0.75	0.5	0.375	0.75	0.375	0.562	49	0.75	0.431	0.375	59.9	22.6	23.9	32.9	46.6	0.75	0.5	0.375	64.5	8.6	33.5	34.6	75.5	17.5	38	1.0	0.151	0.0	55.3	60.3	63.8	87.8	46.6
526	R00Y_075_025e	0.75	0.5	0.5	0.75	0.25	0.625	390	0.75	0.5	0.58	63.7	18.0	8.5	19.9	25.4	0.75	0.5	0.5	64.8	11.3	20.6	23.5	61.3	13.8	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
527	R00Y_075_025e	0.75	0.5	0.625	0.75	0.25	0.625	360	0.75	0.5	0.748	63.9	20.3	−2.8	20.5	352.0	0.75	0.5	0.625	65.9	13.9	8.2	16.1	30.6	12.9	330	1.0	0.0	0.992	50.5	81.2	−11.3	82.0	352.0
528	B50R_075_025e	0.75	0.5	0.75	0.75	0.25	0.625	330	0.628	0.5	0.75	60.0	16.2	−9.9	19.0	328.6	0.75	0.5	0.75	66.9	17.3	−4.0	17.7	346.6	9.1	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
529	B34R_087_037e	0.75	0.5	0.875	0.875	0.375	0.687	311	0.533	0.5	0.875	57.7	19.9	−23.3	30.7	310.5	0.75	0.5	0.875	69.0	26.1	−17.1	31.2	326.7	14.2	274	0.09	0.0	1.0	20.9	53.3	−62.2	81.9	310.5
530	B25R_100_050e	0.75	0.5	1.0	1.0	0.5	0.75	300	0.5	0.597	1.0	61.6	20.5	−35.2	40.8	300.1	0.75	0.5	1.0	67.0	33.2	−31.9	46.1	316.1	14.2	259	0.0	0.194	1.0	26.3	41.0	−70.5	81.6	300.1
531	R85Y_075_075e	0.75	0.625	0.0	0.75	0.75	0.375	81	0.75	0.516	0.0	61.6	9.4	69.4	70.1	82.2	0.75	0.625	0.0	67.2	−3.3	72.8	72.9	92.6	14.3	72	1.0	0.688	0.0	78.4	12.5	92.6	93.4	82.2
532	R81Y_075_062e	0.75	0.625	0.125	0.75	0.625	0.437	79	0.75	0.532	0.125	62.9	9.9	56.6	57.5	80.0	0.75	0.625	0.125	67.9	−3.6	63.0	63.1	93.3	15.8	69	1.0	0.651	0.0	76.8	15.8	90.6	92.0	80.0
533	R76Y_075_050e	0.75	0.625	0.25	0.75	0.5	0.5	76	0.75	0.547	0.25	64.3	10.3	43.9	45.1	76.7	0.75	0.625	0.25	68.4	−3.1	51.8	51.9	93.4	16.1	66	1.0	0.595	0.0	74.6	20.7	87.9	90.3	76.7
534	R68Y_075_037e	0.75	0.625	0.375	0.75	0.375	0.562	71	0.75	0.563	0.375	65.7	10.7	31.3	33.1	71.1	0.75	0.625	0.375	68.8	−1.2	39.4	39.4	91.7	14.6	60	1.0	0.502	0.0	71.0	28.5	83.6	88.4	71.1
535	R50Y_075_025e	0.75	0.625	0.5	0.75	0.25	0.625	60	0.75	0.579	0.5	67.0	11.2	18.7	21.8	58.8	0.75	0.625	0.5	69.7	0.6	26.4	26.4	88.5	13.3	48	1.0	0.317	0.0	63.2	45.1	74.8	87.4	58.8
536	R00Y_075_012e	0.75	0.625	0.625	0.75	0.125	0.687	390	0.75	0.625	0.665	69.6	9.0	4.2	9.9	25.4	0.75	0.625	0.625	70.6	3.6	13.4	13.9	74.6	10.6	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
537	B50R_075_012e	0.75	0.625	0.75	0.75	0.125	0.687	330	0.689	0.625	0.75	67.8	8.1	−4.9	9.5	328.6	0.75	0.625	0.75	71.6	7.1	0.6	7.1	4.8	6.8	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
538	B25R_087_025e	0.75	0.625	0.875	0.875	0.25	0.75	300	0.625	0.673	0.875	68.6	10.2	−17.6	20.4	300.1	0.75	0.625	0.875	74.7	13.3	−12.0	18.0	317.9	8.8	259	0.0	0.194	1.0	26.3	41.0	−70.5	81.6	300.1
539	B15R_100_037e	0.75	0.625	1.0	1.0	0.375	0.812	289	0.625	0.778	1.0	73.6	9.4	−26.2	27.8	289.7	0.75	0.625	1.0	72.2	21.5	−28.7	35.9	306.9	12.4	245	0.0	0.409	1.0	34.8	25.1	−69.9	74.3	289.7
540	Y00G_075_075e	0.75	0.75	0.0	0.75	0.75	0.375	90	0.75	0.66	0.0	67.3	−3.0	76.2	76.2	92.3	0.75	0.75	0.0	70.8	−11.1	77.8	78.6	98.1	8.9	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
541	Y00G_075_062e	0.75	0.75	0.125	0.75	0.625	0.437	90	0.75	0.675	0.125	68.6	−2.5	63.5	63.5	92.3	0.75	0.75	0.125	71.6	−11.7	68.3	69.3	99.7	10.7	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
542	Y00G_075_050e	0.75	0.75	0.25	0.75	0.5	0.5	90	0.75	0.69	0.25	70.0	−2.0	50.8	50.8	92.3	0.75	0.75	0.25	72.1	−11.4	56.7	57.8	101.3	11.2	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
543	Y00G_075_037e	0.75	0.75	0.375	0.75	0.375	0.562	90	0.75	0.705	0.375	71.4	−1.5	38.1	38.1	92.3	0.75	0.75	0.375	72.7	−10.0	44.4	45.6	102.7	10.7	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
544	Y00G_075_025e	0.75	0.75	0.5	0.75	0.25	0.625	90	0.75	0.72	0.5	72.7	−1.0	25.4	25.4	92.3	0.75	0.75	0.5	73.6	−7.7	31.0	32.0	104.0	8.8	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
545	Y00G_075_012e	0.75	0.75	0.625	0.75	0.125	0.687	90	0.75	0.735	0.625	74.1	−0.5	12.7	12.7	92.3	0.75	0.75	0.625	74.5	−4.7	17.9	18.5	104.6	6.7	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
546	NW_075e	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	75.5	0.0	0.0	0.0	0.0	0.75	0.75	0.75	75.4	−0.6	4.9	4.9	97.1	4.9	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
547	B00R_087_012e	0.75	0.75	0.875	0.875	0.125	0.812	270	0.75	0.84	0.875	79.8	0.2	−8.1	8.1	271.7	0.75	0.75	0.875	79.6	2.7	−7.2	7.7	290.8	2.6	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
548	B00R_100_025e	0.75	0.75	1.0	1.0	0.25	0.875	270	0.75	0.931	1.0	84.0	0.4	−16.3	16.3	271.7	0.75	0.75	1.0	77.9	9.7	−23.5	25.4	292.4	13.2	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
549	Y13G_087_087e	0.75	0.875	0.0	0.875	0.875	0.437	98	0.771	0.875	0.0	77.4	−18.2	88.5	90.3	101.6	0.75	0.875	0.0	77.5	−19.9	86.4	88.7	102.9	2.6	96	0.881	1.0	0.0	86.8	−20.8	101.1	103.3	101.6
550	Y15G_087_075e	0.75	0.875	0.125	0.875	0.75	0.5	99	0.767	0.875	0.125	77.9	−16.9	74.6	76.5	102.7	0.75	0.875	0.125	77.8	−22.9	73.3	76.8	107.3	6.1	97	0.857	1.0	0.0	85.8	−22.6	99.5	102.0	102.7
551	Y18G_087_062e	0.75	0.875	0.25	0.875	0.625	0.562	101	0.757	0.875	0.25	78.0	−16.2	60.2	62.3	105.1	0.75	0.875	0.25	78.2	−23.3	61.9	66.2	110.6	7.2	100	0.811	1.0	0.0	83.9	−26.0	96.3	99.8	105.1
552	Y23G_087_050e	0.75	0.875	0.375	0.875	0.5	0.625	104	0.747	0.875	0.375	78.2	−15.4	45.7	48.2	108.6	0.75	0.875	0.375	79.2	−21.7	49.8	54.3	113.5	7.6	104	0.744	1.0	0.0	80.9	−30.8	91.4	96.5	108.6
553	Y31G_087_037e	0.75	0.875	0.5	0.875	0.375	0.687	109	0.742	0.875	0.5	78.3	−14.2	31.4	34.5	114.4	0.75	0.875	0.5	80.4	−18.7	36.2	40.8	117.2	6.8	110	0.647	1.0	0.0	76.0	−38.1	83.8	92.1	114.4
554	Y50G_087_025e	0.75	0.875	0.625	0.875	0.25	0.75	120	0.737	0.875	0.625	78.8	−13.2	17.4	21.8	127.2	0.75	0.875	0.625	81.4	−14.9	22.8	27.3	123.3	6.2	123	0.451	1.0	0.0	67.3	−53.0	69.6	87.5	127.2
555	G00B_087_012e	0.75	0.875	0.75	0.875	0.125	0.812	150	0.75	0.875	0.757	79.8	−9.7	3.1	10.2	162.2	0.75	0.875	0.75	82.3	−10.7	9.8	14.6	137.4	7.2	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
556	G50B_087_012e	0.75	0.875	0.875	0.875	0.125	0.812	210	0.75	0.875	0.836	80.5	−5.4	−4.1	6.8	216.9	0.75	0.875	0.875	82.9	−6.0	−3.1	6.7	207.4	2.6	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9
557	G75B_100_025e	0.75	0.875	1.0	1.0	0.25	0.875	240	0.75	1.0	0.979	86.0	−6.2	−12.9	14.3	244.3	0.75	0.875	1.0	83.4	−1.2	−18.4	18.5	266.2	7.8	205	0.0	1.0	0.917	53.0	−24.8	−51.7	57.3	244.3
558	Y23G_100_100e	0.75	1.0	0.0	1.0	1.0	0.5	104	0.744	1.0	0.0	80.9	−30.8	91.4	96.5	108.6	0.75	1.0	0.0	81.2	−30.3	91.8	96.7	108.2	0.7	104	0.744	1.0	0.0	80.9	−30.8	91.4	96.5	108.6
559	Y26G_100_087e	0.75	1.0	0.125	1.0	0.875	0.562	106	0.742	1.0	0.125	81.2	−29.6	77.4	82.9	110.9	0.75	1.0	0.125	81.3	−34.6	80.9	88.0	113.2	6.1	106	0.705	1.0	0.0	78.9	−33.8	88.4	94.7	110.9
560	Y31G_100_075e	0.75	1.0	0.25	1.0	0.75	0.625	109	0.735	1.0	0.25	81.2	−28.5	62.8	69.0	114.4	0.75	1.0	0.25	82.0	−35.6	66.9	75.8	118.0	8.1	110	0.647	1.0	0.0	76.0	−38.1	83.8	92.1	114.4
561	Y38G_100_062e	0.75	1.0	0.375	1.0	0.625	0.687	113	0.734	1.0	0.375	81.7	−27.3	49.0	56.1	119.1	0.75	1.0	0.375	83.2	−34.2	53.7	63.7	122.5	8.4	115	0.575	1.0	0.0	72.6	−43.7	78.5	89.8	119.1
562	Y50G_100_050e	0.75	1.0	0.5	1.0	0.5	0.75	120	0.725	1.0	0.5	82.1	−26.5	34.8	43.7	127.2	0.75	1.0	0.5	84.3	−31.4	39.9	50.8	128.1	7.4	123	0.451	1.0	0.0	67.3	−53.0	69.6	87.5	127.2
563	Y68G_100_037e	0.75	1.0	0.625	1.0	0.375	0.812	131	0.726	1.0	0.625	82.9	−24.6	20.6	32.1	140.0	0.75	1.0	0.625	85.4	−27.7	25.9	38.0	136.8	6.6	134	0.271	1.0	0.0	59.5	−65.7	55.0	85.7	140.0
564	G00B_100_025e	0.75	1.0	0.75	1.0	0.25	0.875	150	0.75	1.0	0.765	84.2	−19.5	6.2	20.4	162.2	0.75	1.0	0.75	86.3	−23.1	12.6	26.3	151.2	7.6	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
565	G25B_100_025e	0.75	1.0	0.875	1.0	0.25	0.875	180	0.75	1.0	0.859	85.0	−15.6	−2.6	15.9	189.6	0.75	1.0	0.875	87.0	−18.0	−0.1	18.0	180.3	4.0	175	0.0	1.0	0.438	49.2	−62.7	−10.6	63.6	189.6
566	G50B_100_025e	0.75	1.0	1.0	1.0	0.25	0.875	210	0.75	1.0	0.922	85.5	−10.9	−8.2	13.7	216.9	0.75	1.0	1.0	87.7	−11.9	−14.2	18.5	230.0	6.4	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9

Mean color difference of this page: **delta $E^{*\prime}$ =** ***14.0***

1−0131430−F0

ZE150−7N, Page 15/38−F

TUB-test chart ZE15; test chart G of CIE R8−09:2015
colors and differences, $\Delta E^{*\prime}$, 3D=0, de=1, *RGB*

input: *rgb/cmyk* −> rgb_e
output: transfer to rgb_e

see similar files: http://farbe.li.tu-berlin.de/ZE15/ZE15.HTM
http://130.149.60.45/~farbmetrik or http://farbe.li.tu-berlin.de

TUB registration: 20160101-ZE15/ZE15L0NP.PDF /.PS
application for measurement of photo printer output, separation rgb (CMYK)

TUB material: code=rha4ta

n	HIC*Fe	rgb_Fe			ict_Fe			hsi_F,e	rgb*Fe			LabCh*Fe					rgb*'Fe			LabCh*'Fe					DE*'Fe	hsiM,e	rgb*Me			LabCh*Me				
567	R00Y_087_087e	0.875	0.0	0.0	0.875	0.875	0.437	390	0.875	0.0	0.282	45.0	63.0	30.0	69.8	25.4	0.875	0.0	0.0	45.6	61.8	46.7	77.5	37.1	16.8	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
568	R36Y_087_087e	0.875	0.0	0.125	0.875	0.875	0.437	382	0.875	0.0	0.447	45.2	64.4	19.1	67.2	16.5	0.875	0.0	0.125	45.8	62.8	39.1	74.0	31.8	20.0	359	1.0	0.0	0.511	50.1	73.6	21.9	76.8	16.5
569	R23Y_087_087e	0.875	0.0	0.25	0.875	0.875	0.437	374	0.875	0.0	0.595	45.3	66.4	8.9	67.0	7.6	0.875	0.0	0.25	46.2	63.9	31.1	71.1	25.9	22.3	348	1.0	0.0	0.681	50.2	75.9	10.2	76.5	7.6
570	R08Y_087_087e	0.875	0.0	0.375	0.875	0.875	0.437	365	0.875	0.0	0.769	45.5	69.3	−2.8	69.4	357.6	0.875	0.0	0.375	46.3	65.0	23.2	69.0	19.6	26.4	336	1.0	0.0	0.879	50.4	79.2	−3.2	79.3	357.6
571	B70R_087_087e	0.875	0.0	0.5	0.875	0.875	0.437	355	0.875	0.0	0.864	45.6	71.0	−9.5	71.6	352.3	0.875	0.0	0.5	46.6	66.3	14.2	67.8	12.0	24.2	330	1.0	0.0	0.987	50.5	81.1	−10.9	81.9	352.3
572	B63R_087_087e	0.875	0.0	0.625	0.875	0.875	0.437	346	0.716	0.0	0.875	40.7	65.4	−19.0	68.1	343.7	0.875	0.0	0.625	46.7	68.1	5.4	68.3	4.6	25.4	320	0.819	0.0	1.0	44.9	74.7	−21.7	77.8	343.7
573	B56R_087_087e	0.875	0.0	0.75	0.875	0.875	0.437	338	0.583	0.0	0.875	36.3	61.2	−27.0	66.9	336.1	0.875	0.0	0.75	46.8	70.6	−3.2	70.7	357.3	27.6	310	0.666	0.0	1.0	39.9	69.9	−30.8	76.5	336.1
574	B50R_087_087e	0.875	0.0	0.875	0.875	0.875	0.437	330	0.448	0.0	0.875	32.1	57.0	−34.8	66.8	328.6	0.875	0.0	0.875	47.0	73.1	−11.8	74.0	350.8	31.7	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
575	B44R_100_100e	0.875	0.0	1.0	1.0	1.0	0.5	323	0.37	0.0	1.0	30.3	61.4	−48.0	78.0	321.9	0.875	0.0	1.0	46.8	76.6	−18.4	78.8	346.4	37.1	291	0.37	0.0	1.0	30.3	61.4	−48.0	78.0	321.9
576	R13Y_087_087e	0.875	0.125	0.0	0.875	0.875	0.437	38	0.875	0.0	0.09	44.6	61.1	41.8	74.1	34.3	0.875	0.125	0.0	50.9	52.9	55.0	76.4	46.1	16.7	384	1.0	0.0	0.103	49.4	69.9	47.8	84.7	34.3
577	R00Y_087_075e	0.875	0.125	0.125	0.875	0.75	0.5	390	0.875	0.125	0.367	50.9	54.0	25.7	59.8	25.4	0.875	0.125	0.125	51.2	53.9	45.6	70.6	40.2	19.9	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
578	R35Y_087_075e	0.875	0.125	0.25	0.875	0.75	0.5	381	0.875	0.125	0.524	51.1	55.4	15.3	57.5	15.4	0.875	0.125	0.25	51.4	54.5	36.2	65.5	33.6	20.9	357	1.0	0.0	0.532	50.1	73.9	20.4	76.7	15.4
579	R18Y_087_075e	0.875	0.125	0.375	0.875	0.75	0.5	371	0.875	0.125	0.682	51.1	57.4	4.3	57.6	4.3	0.875	0.125	0.375	51.9	55.5	25.7	61.2	24.8	21.4	344	1.0	0.0	0.743	50.2	76.6	5.7	76.8	4.3
580	R00Y_087_075e	0.875	0.125	0.5	0.875	0.75	0.5	360	0.875	0.125	0.869	51.4	60.9	−8.4	61.5	352.0	0.875	0.125	0.5	52.5	56.7	14.2	58.5	14.1	23.1	330	1.0	0.0	0.992	50.5	81.2	−11.3	82.0	352.0
581	B65R_087_075e	0.875	0.125	0.625	0.875	0.75	0.5	349	0.783	0.125	0.875	48.6	57.6	−13.7	59.2	346.6	0.875	0.125	0.625	52.6	59.8	3.3	59.9	3.2	17.6	323	0.878	0.0	1.0	46.8	76.8	−18.2	78.9	346.6
582	B57R_087_075e	0.875	0.125	0.75	0.875	0.75	0.5	339	0.638	0.125	0.875	43.9	52.8	−22.3	57.4	337.1	0.875	0.125	0.75	52.9	62.8	−7.2	63.2	353.3	20.1	312	0.685	0.0	1.0	40.6	70.5	−29.7	76.5	337.1
583	B50R_087_075e	0.875	0.125	0.875	0.875	0.75	0.5	330	0.509	0.125	0.875	39.9	48.8	−29.8	57.2	328.6	0.875	0.125	0.875	53.0	66.6	−17.9	69.0	344.8	25.0	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
584	B43R_100_087e	0.875	0.125	1.0	1.0	0.875	0.562	322	0.428	0.125	1.0	38.0	53.2	−43.1	68.5	321.0	0.875	0.125	1.0	51.7	73.8	−27.2	78.6	339.7	29.3	290	0.347	0.0	1.0	29.5	60.9	−49.2	78.3	321.0
585	R26Y_087_087e	0.875	0.25	0.0	0.875	0.875	0.437	46	0.875	0.087	0.0	47.8	55.8	52.6	76.7	43.3	0.875	0.25	0.0	57.2	40.1	63.4	75.0	57.6	21.2	35	1.0	0.099	0.0	53.0	63.8	60.1	87.7	43.3
586	R15Y_087_075e	0.875	0.25	0.125	0.875	0.75	0.5	39	0.875	0.125	0.177	50.5	52.2	37.2	64.1	35.5	0.875	0.25	0.125	57.5	40.4	52.5	66.3	52.4	20.5	386	1.0	0.0	0.069	49.3	69.6	49.6	85.5	35.5
587	R00Y_087_062e	0.875	0.25	0.25	0.875	0.625	0.562	390	0.875	0.25	0.452	56.8	45.0	21.4	49.8	25.4	0.875	0.25	0.25	57.9	40.9	42.0	58.6	45.7	21.0	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
588	R31Y_087_062e	0.875	0.25	0.375	0.875	0.625	0.562	379	0.875	0.25	0.609	56.9	46.5	10.9	47.8	13.2	0.875	0.25	0.375	58.4	41.9	30.4	51.8	35.9	20.0	355	1.0	0.0	0.575	50.1	74.5	17.5	76.5	13.2
589	R11Y_087_062e	0.875	0.25	0.5	0.875	0.625	0.562	367	0.875	0.25	0.771	57.1	49.0	−0.1	49.0	359.8	0.875	0.25	0.5	59.2	43.4	17.7	46.9	22.2	18.8	338	1.0	0.0	0.834	50.4	78.4	−0.1	78.4	359.8
590	B69R_087_062e	0.875	0.25	0.625	0.875	0.625	0.562	353	0.855	0.25	0.875	56.6	50.1	−8.4	50.8	350.4	0.875	0.25	0.625	59.4	46.6	5.6	46.9	6.9	14.8	328	0.968	0.0	1.0	49.6	80.2	−13.5	81.3	350.4
591	B59R_087_062e	0.875	0.25	0.75	0.875	0.625	0.562	341	0.701	0.25	0.875	51.7	44.7	−17.1	47.8	339.0	0.875	0.25	0.75	59.8	50.2	−6.3	50.6	352.8	14.5	314	0.722	0.0	1.0	41.8	71.5	−27.4	76.6	339.0
592	B50R_087_062e	0.875	0.25	0.875	0.875	0.625	0.562	330	0.57	0.25	0.875	47.6	40.7	−24.8	47.7	328.6	0.875	0.25	0.875	60.0	55.1	−18.6	58.2	341.3	20.0	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
593	B42R_100_075e	0.875	0.25	1.0	1.0	0.75	0.625	321	0.493	0.25	1.0	45.8	45.2	−37.8	58.9	320.0	0.875	0.25	1.0	58.9	62.8	−29.4	69.4	334.8	23.5	288	0.324	0.0	1.0	28.7	60.3	−50.4	78.6	320.0
594	R41Y_087_087e	0.875	0.375	0.0	0.875	0.875	0.437	55	0.875	0.211	0.0	53.6	45.8	61.5	76.7	53.3	0.875	0.375	0.0	62.7	27.8	69.9	75.2	68.3	21.8	43	1.0	0.241	0.0	59.7	52.3	70.3	87.6	53.3
595	R31Y_087_075e	0.875	0.375	0.125	0.875	0.75	0.5	49	0.875	0.238	0.125	55.0	45.2	47.9	65.8	46.6	0.875	0.375	0.125	63.4	27.5	58.7	64.8	64.9	22.4	38	1.0	0.151	0.0	55.3	60.3	63.8	87.8	46.6
596	R18Y_087_062e	0.875	0.375	0.25	0.875	0.625	0.562	41	0.875	0.25	0.25	56.4	43.1	33.3	54.5	37.7	0.875	0.375	0.25	63.4	28.5	47.5	55.4	59.0	21.5	389	1.0	0.0	0.0	49.2	69.0	53.3	87.2	37.7
597	R00Y_087_050e	0.875	0.375	0.375	0.875	0.5	0.625	390	0.875	0.375	0.536	62.7	36.0	17.1	39.8	25.4	0.875	0.375	0.375	64.0	29.7	35.2	46.1	49.8	19.2	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
598	R26Y_087_050e	0.875	0.375	0.5	0.875	0.5	0.625	376	0.875	0.375	0.694	62.8	37.6	6.5	38.2	9.8	0.875	0.375	0.5	64.4	31.9	21.9	38.7	34.5	16.5	350	1.0	0.0	0.639	50.1	75.2	13.1	76.4	9.8
599	R00Y_087_050e	0.875	0.375	0.625	0.875	0.5	0.625	360	0.875	0.375	0.871	63.0	40.6	−5.6	41.0	352.0	0.875	0.375	0.625	65.0	34.7	9.8	36.1	15.7	16.6	330	1.0	0.0	0.992	50.5	81.2	−11.3	82.0	352.0
600	B61R_087_050e	0.875	0.375	0.75	0.875	0.5	0.625	344	0.765	0.375	0.875	59.6	36.6	−12.0	38.6	341.8	0.875	0.375	0.75	65.7	38.1	−2.5	38.2	356.1	11.3	317	0.78	0.0	1.0	43.6	73.3	−24.0	77.2	341.8
601	B50R_087_050e	0.875	0.375	0.875	0.875	0.5	0.625	330	0.631	0.375	0.875	55.3	32.5	−19.8	38.1	328.6	0.875	0.375	0.875	66.4	42.3	−15.4	45.1	340.0	15.4	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
602	B40R_100_062e	0.875	0.375	1.0	1.0	0.625	0.687	319	0.548	0.375	1.0	53.3	36.9	−33.0	49.5	318.1	0.875	0.375	1.0	65.6	49.8	−27.7	57.0	330.8	18.6	285	0.278	0.0	1.0	27.1	59.0	−52.8	79.2	318.1
603	R58Y_087_087e	0.875	0.5	0.0	0.875	0.875	0.437	65	0.875	0.346	0.0	59.7	32.9	68.9	76.4	64.4	0.875	0.5	0.0	67.9	16.3	75.9	77.6	77.8	19.7	53	1.0	0.396	0.0	66.7	37.6	78.8	87.3	64.4
604	R50Y_087_075e	0.875	0.5	0.125	0.875	0.75	0.5	60	0.875	0.362	0.125	60.9	33.8	56.1	65.5	58.8	0.875	0.5	0.125	68.6	15.7	64.1	66.0	76.1	21.2	48	1.0	0.317	0.0	63.2	45.1	74.8	87.4	58.8
605	R38Y_087_062e	0.875	0.5	0.25	0.875	0.625	0.562	53	0.875	0.382	0.25	62.0	34.4	42.6	54.8	51.0	0.875	0.5	0.25	69.0	16.2	52.8	55.3	72.8	21.9	41	1.0	0.211	0.0	58.2	55.0	68.2	87.7	51.0
606	R23Y_087_050e	0.875	0.5	0.375	0.875	0.5	0.625	44	0.875	0.404	0.375	63.5	33.0	28.7	43.7	41.0	0.875	0.5	0.375	69.2	18.2	40.2	44.1	65.5	19.5	33	1.0	0.059	0.0	51.5	66.0	57.5	87.5	41.0
607	R00Y_087_037e	0.875	0.5	0.5	0.875	0.375	0.687	390	0.875	0.5	0.621	68.6	27.0	12.8	29.9	25.4	0.875	0.5	0.5	69.7	20.6	26.3	33.4	51.9	14.9	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
608	R18Y_087_037e	0.875	0.5	0.625	0.875	0.375	0.687	371	0.875	0.5	0.778	68.7	28.7	2.1	28.8	4.3	0.875	0.5	0.625	70.3	23.5	13.9	27.3	30.6	12.9	344	1.0	0.0	0.743	50.2	76.6	5.7	76.8	4.3
609	B65R_087_037e	0.875	0.5	0.75	0.875	0.375	0.687	349	0.829	0.5	0.875	67.4	28.8	−6.8	29.6	346.6	0.875	0.5	0.75	71.4	26.0	1.9	26.1	4.2	10.0	323	0.878	0.0	1.0	46.8	76.8	−18.2	78.9	346.6
610	B50R_087_037e	0.875	0.5	0.875	0.875	0.375	0.687	330	0.692	0.5	0.875	63.0	24.4	−14.9	28.6	328.6	0.875	0.5	0.875	72.5	29.9	−11.3	31.9	339.2	11.4	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
611	B38R_100_050e	0.875	0.5	1.0	1.0	0.5	0.75	316	0.603	0.5	1.0	60.8	28.5	−28.2	40.2	315.3	0.875	0.5	1.0	70.8	38.7	−25.8	46.5	326.3	14.4	281	0.207	0.0	1.0	24.6	57.1	−56.5	80.4	315.3
612	R73Y_087_087e	0.875	0.625	0.0	0.875	0.875	0.437	74	0.875	0.488	0.0	65.4	20.9	75.5	78.3	74.4	0.875	0.625	0.0	72.8	5.2	82.2	82.4	86.3	18.6	63	1.0	0.558	0.0	73.1	23.9	86.3	89.5	74.4
613	R68Y_087_075e	0.875	0.625	0.125	0.875	0.75	0.5	71	0.875	0.502	0.125	66.7	21.4	62.7	66.3	71.1	0.875	0.625	0.125	73.6	4.4	70.5	70.7	86.3	19.8	60	1.0	0.502	0.0	71.0	28.5	83.6	88.4	71.1
614	R61Y_087_062e	0.875	0.625	0.25	0.875	0.625	0.562	67	0.875	0.519	0.25	68.2	21.6	50.3	54.8	66.6	0.875	0.625	0.25	73.9	5.1	59.1	59.3	85.0	19.5	55	1.0	0.431	0.0	68.1	34.7	80.5	87.7	66.6
615	R50Y_087_050e	0.875	0.625	0.375	0.875	0.5	0.625	60	0.875	0.533	0.375	69.3	22.5	37.4	43.7	58.8	0.875	0.625	0.375	74.4	6.3	47.2	47.7	82.3	19.6	48	1.0	0.317	0.0	63.2	45.1	74.8	87.4	58.8
616	R31Y_087_037e	0.875	0.625	0.5	0.875	0.375	0.687	49	0.875	0.556	0.5	70.6	22.6	23.9	32.9	46.6	0.875	0.625	0.5	75.1	8.5	32.9	34.0	75.3	17.2	38	1.0	0.151	0.0	55.3	60.3	63.8	87.8	46.6
617	R00Y_087_025e	0.875	0.625	0.625	0.875	0.25	0.75	390	0.875	0.625	0.705	74.4	18.0	8.5	19.9	25.4	0.875	0.625	0.625	75.8	11.2	19.9	22.9	60.6	13.3	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
618	R00Y_087_025e	0.875	0.625	0.75	0.875	0.25	0.75	360	0.875	0.625	0.873	74.6	20.3	−2.8	20.5	352.0	0.875	0.625	0.75	76.9	14.1	7.1	15.8	26.7	11.9	330	1.0	0.0	0.992	50.5	81.2	−11.3	82.0	352.0
619	B50R_087_025e	0.875	0.625	0.875	0.875	0.25	0.75	330	0.753	0.625	0.875	70.8	16.2	−9.9	19.0	328.6	0.875	0.625	0.875	77.9	17.9	−6.4	19.0	340.3	8.1	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
620	B34R_100_037e	0.875	0.625	1.0	1.0	0.375	0.812	311	0.658	0.625	1.0	68.4	19.9	−23.3	30.7	310.5	0.875	0.625	1.0	76.0	27.4	−22.3	35.4	320.7	10.6	274	0.09	0.0	1.0	20.9	53.3	−62.2	81.9	310.5
621	R86Y_087_087e	0.875	0.75	0.0	0.875	0.875	0.437	82	0.875	0.619	0.0	70.6	9.4	81.8	82.4	83.4	0.875	0.75	0.0	77.0	−4.2	87.7	87.8	92.7	16.1	73	1.0	0.707	0.0	79.2	10.8	93.5	94.1	83.4
622	R85Y_087_075e	0.875	0.75	0.125	0.875	0.75	0.5	81	0.875	0.641	0.125	72.3	9.4	69.4	70.1	82.2	0.875	0.75	0.125	77.7	−5.1	76.3	76.4	93.8	16.9	72	1.0	0.688	0.0	78.4	12.5	92.6	93.4	82.2
623	R81Y_087_062e	0.875	0.75	0.25	0.875	0.625	0.562	79	0.875	0.657	0.25	73.6	9.9	56.6	57.5	80.0	0.875	0.75	0.25	78.2	−4.7	64.7	64.9	94.1	17.3	69	1.0	0.651	0.0	76.8	15.8	90.6	92.0	80.0
624	R76Y_087_050e	0.875	0.75	0.375	0.875	0.5	0.625	76	0.875	0.672	0.375	75.0	10.3	43.9	45.1	76.7	0.875	0.75	0.375	78.8	−3.4	51.7	51.8	93.8	16.3	66	1.0	0.595	0.0	74.6	20.7	87.9	90.3	76.7
625	R68Y_087_037e	0.875	0.75	0.5	0.875	0.375	0.687	71	0.875	0.688	0.5	76.5	10.7	31.3	33.1	71.1	0.875	0.75	0.5	79.5	−1.4	37.8	37.8	92.1	14.1	60	1.0	0.502	0.0	71.0	28.5	83.6	88.4	71.1
626	R50Y_087_025e	0.875	0.75	0.625	0.875	0.25	0.75	60	0.875	0.704	0.625	77.8	11.2	18.7	21.8	58.8	0.875	0.75	0.625	80.5	0.8	24.9	24.9	87.9	12.4	48	1.0	0.317	0.0	63.2	45.1	74.8	87.4	58.8
627	R00Y_087_012e	0.875	0.75	0.75	0.875	0.125	0.812	390	0.875	0.75	0.79	80.3	9.0	4.2	9.9	25.4	0.875	0.75	0.75	81.6	3.9	11.6	12.3	71.0	9.0	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
628	B50R_087_012e	0.875	0.75	0.875	0.875	0.125	0.812	330	0.814	0.75	0.875	78.5	8.1	−4.9	9.5	328.6	0.875	0.75	0.875	82.6	7.9	−1.7	8.1	347.6	5.1	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
629	B25R_100_025e	0.875	0.75	1.0	1.0	0.25	0.875	300	0.75	0.798	1.0	79.3	10.2	−17.6	20.4	300.1	0.875	0.75	1.0	82.1	15.6	−17.1	23.2	312.3	6.0	259	0.0	0.194	1.0	26.3	41.0	−70.5	81.6	300.1
630	Y00G_087_087e	0.875	0.875	0.0	0.875	0.875	0.437	90	0.875	0.77	0.0	76.6	−3.5	88.9	89.0	92.3	0.875	0.875	0.0	81.2	−12.9	93.0	93.9	97.9	11.2	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
631	Y00G_087_075e	0.875	0.875	0.125	0.875	0.75	0.5	90	0.875	0.785	0.125	78.0	−3.0	76.2	76.2	92.3	0.875	0.875	0.125	82.1	−14.0	81.8	82.9	99.7	12.9	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
632	Y00G_087_062e	0.875	0.875	0.25	0.875	0.625	0.562	90	0.875	0.8	0.25	79.4	−2.5	63.5	63.5	92.3	0.875	0.875	0.25	82.8	−13.9	70.2	71.5	101.2	13.5	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
633	Y00G_087_050e	0.875	0.875	0.375	0.875	0.5	0.625	90	0.875	0.815	0.375	80.7	−2.0	50.8	50.8	92.3	0.875	0.875	0.375	83.5	−12.6	56.9	58.3	102.5	12.5	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
634	Y00G_087_037e	0.875	0.875	0.5	0.875	0.375	0.687	90	0.875	0.83	0.5	82.1	−1.5	38.1	38.1	92.3	0.875	0.875	0.5	84.2	−10.5	42.9	44.2	103.8	10.4	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
635	Y00G_087_025e	0.875	0.875	0.625	0.875	0.25	0.75	90	0.875	0.845	0.625	83.5	−1.0	25.4	25.4	92.3	0.875	0.875	0.625	85.2	−8.0	29.4	30.5	105.3	8.3	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
636	Y00G_087_012e	0.875	0.875	0.75	0.875	0.125	0.812	90	0.875	0.86	0.75	84.8	−0.5	12.7	12.7	92.3	0.875	0.875	0.75	86.1	−4.7	15.9	16.6	106.4	5.4	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
637	NW_087e	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.2	0.0	0.0	0.0	0.0	0.875	0.875	0.875	86.9	−0.3	2.7	2.8	97.3	2.9	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
638	B00R_100_012e	0.875	0.875	1.0	1.0	0.125	0.937	270	0.875	0.965	1.0	90.5	0.2	−8.1	8.1	271.7	0.875	0.875	1.0	88.3	4.7	−12.1	13.0	291.4	6.4	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
639	Y11G_100_100e	0.875	1.0	0.0	1.0	1.0	0.5	97	0.914	1.0	0.0	87.9	−19.0	103.0	104.7	100.4	0.875	1.0	0.0	86.6	−21.2	100.7	102.9	101.8	3.4	94	0.914	1.0	0.0	87.9	−19.0	103.0	104.7	100.4
640	Y13G_100_087e	0.875	1.0	0.125	1.0	0.875	0.562	98	0.896	1.0	0.125	88.1	−18.2	88.5	90.3	101.6	0.875	1.0	0.125	86.7	−24.7	88.7	92.1	105.6	6.7	96	0.881	1.0	0.0	86.8	−20.8	101.1	103.3	101.6
641	Y15G_100_075e	0.875	1.0	0.25	1.0	0.75	0.625	99	0.892	1.0	0.25	88.6	−16.9	74.6	76.5	102.7	0.875	1.0	0.25	87.4	−25.5	74.4	78.7	108.9	8.7	97	0.857	1.0	0.0	85.8	−22.6	99.5	102.0	102.7
642	Y18G_100_062e	0.875	1.0	0.375	1.0	0.625	0.687	101	0.882	1.0	0.375	88.8	−16.2	60.2	62.3	105.1	0.875	1.0	0.375	88.5	−24.7	60.5	65.4	112.2	8.4	100	0.811	1.0	0.0	83.9	−26.0	96.3	99.8	105.1
643	Y23G_100_050e	0.875	1.0	0.5	1.0	0.5	0.75	104	0.872	1.0	0.5	88.9	−15.4	45.7	48.2	108.6	0.875	1.0	0.5	89.5	−22.7	47.6	52.8	115.5	7.6	104	0.744	1.0	0.0	80.9	−30.8	91.4	96.5	108.6
644	Y31G_100_037e	0.875	1.0	0.625	1.0	0.375	0.812	109	0.867	1.0	0.625	89.1	−14.2	31.4	34.5	114.4	0.875	1.0	0.625	90.4	−19.7	33.8	39.2	120.2	6.0	110	0.647	1.0	0.0	76.0	−38.1	83.8	92.1	114.4
645	Y50G_100_025e	0.875	1.0	0.75	1.0	0.25	0.875	120	0.862	1.0	0.75	89.5	−13.2	17.4	21.8	127.2	0.875	1.0	0.75	91.1	−15.5	19.5	24.9	128.5	3.4	123	0.451	1.0	0.0	67.3	−53.0	69.6	87.5	127.2
646	G00B_100_012e	0.875	1.0	0.875	1.0	0.125	0.937	150	0.875	1.0	0.882	90.6	−9.7	3.1	10.2	162.2	0.875	1.0	0.875	91.6	−11.0	6.4	12.8	149.7	3.7	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
647	G50B_100_012e	0.875	1.0	1.0	1.0	0.125	0.937	210	0.875	1.0	0.961	91.2	−5.4	−4.1	6.8	216.9	0.875	1.0	1.0	92.4	−5.8	−7.3	9.3	231.8	3.4	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9

Mean color difference of this page: delta $E^{*'}$ = 16.0

1-0131530-F0

ZE150−7N, Page 16/38−F

see similar files: http://farbe.li.tu-berlin.de/ZE15/ZE15.HTM
http://130.149.60.45/~farbmetrik or http://farbe.li.tu-berlin.de

TUB registration: 20160101-ZE15/ZE15L0NP.PDF /.PS
application for measurement of photo printer output, separation rgb (CMYK)
TUB material: code=rha4ta

n	HIC*Fe	rgb_Fe			ict_Fe			hsi_F,e	rgb*Fe			LabCh*Fe					rgb*'Fe			LabCh*'Fe					DE*'Fe	hsiM,e	rgb*Me			LabCh*Me				
648	R00Y_100_100e	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4	1.0	0.0	0.0	49.2	68.9	53.4	87.2	37.7	19.3	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
649	R38Y_100_100e	1.0	0.0	0.125	1.0	1.0	0.5	383	1.0	0.0	0.489	50.1	73.4	23.4	77.0	17.6	1.0	0.0	0.125	49.5	70.0	46.7	84.2	33.7	23.5	360	1.0	0.0	0.489	50.1	73.4	23.4	77.0	17.6
650	R26Y_100_100e	1.0	0.0	0.25	1.0	1.0	0.5	376	1.0	0.0	0.639	50.1	75.2	13.1	76.4	9.8	1.0	0.0	0.25	49.8	71.1	38.9	81.1	28.6	26.1	350	1.0	0.0	0.639	50.1	75.2	13.1	76.4	9.8
651	R13Y_100_100e	1.0	0.0	0.375	1.0	1.0	0.5	368	1.0	0.0	0.811	50.3	78.0	1.3	78.0	0.9	1.0	0.0	0.375	49.9	72.4	31.0	78.8	23.2	30.2	340	1.0	0.0	0.811	50.3	78.0	1.3	78.0	0.9
652	R00Y_100_100e	1.0	0.0	0.5	1.0	1.0	0.5	360	1.0	0.0	0.992	50.5	81.2	−11.3	82.0	352.0	1.0	0.0	0.5	50.1	73.4	22.6	76.8	17.1	34.9	330	1.0	0.0	0.992	50.5	81.2	−11.3	82.0	352.0
653	B68R_100_100e	1.0	0.0	0.625	1.0	1.0	0.5	352	0.946	0.0	1.0	48.9	79.4	−14.7	80.7	349.4	1.0	0.0	0.625	50.1	75.0	14.1	76.3	10.6	29.2	327	0.946	0.0	1.0	48.9	79.4	−14.7	80.7	349.4
654	B61R_100_100e	1.0	0.0	0.75	1.0	1.0	0.5	344	0.78	0.0	1.0	43.6	73.3	−24.0	77.2	341.8	1.0	0.0	0.75	50.2	76.6	5.3	76.8	3.9	30.2	317	0.78	0.0	1.0	43.6	73.3	−24.0	77.2	341.8
655	B55R_100_100e	1.0	0.0	0.875	1.0	1.0	0.5	337	0.647	0.0	1.0	39.3	69.4	−32.0	76.4	335.2	1.0	0.0	0.875	50.4	79.1	−2.9	79.2	357.8	32.6	309	0.647	0.0	1.0	39.3	69.4	−32.0	76.4	335.2
656	B50R_100_100e	1.0	0.0	1.0	1.0	1.0	0.5	330	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6	1.0	0.0	1.0	50.5	81.3	−11.8	82.2	351.7	35.7	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
657	R11Y_100_100e	1.0	0.125	0.0	1.0	1.0	0.5	37	1.0	0.0	0.135	49.5	70.1	46.0	83.9	33.2	1.0	0.125	0.0	54.0	62.4	61.8	87.9	44.7	18.1	382	1.0	0.0	0.135	49.5	70.1	46.0	83.9	33.2
658	R00Y_100_087e	1.0	0.125	0.125	1.0	0.875	0.562	390	1.0	0.125	0.407	55.7	63.0	30.0	69.8	25.4	1.0	0.125	0.125	54.1	63.3	53.3	82.8	40.0	23.4	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
659	R36Y_100_087e	1.0	0.125	0.25	1.0	0.875	0.562	382	1.0	0.125	0.572	56.0	64.4	19.1	67.2	16.5	1.0	0.125	0.25	54.5	63.7	45.2	78.1	35.3	26.1	359	1.0	0.0	0.511	50.1	73.6	21.9	76.8	16.5
660	R23Y_100_087e	1.0	0.125	0.375	1.0	0.875	0.562	374	1.0	0.125	0.72	56.0	66.4	8.9	67.0	7.6	1.0	0.125	0.375	54.8	64.8	34.6	73.4	28.1	25.7	348	1.0	0.0	0.681	50.2	75.9	10.2	76.5	7.6
661	R08Y_100_087e	1.0	0.125	0.5	1.0	0.875	0.562	365	1.0	0.125	0.894	56.2	69.3	−2.8	69.4	357.6	1.0	0.125	0.5	55.1	66.1	23.1	70.0	19.2	26.2	336	1.0	0.0	0.879	50.4	79.2	−3.2	79.3	357.6
662	B70R_100_087e	1.0	0.125	0.625	1.0	0.875	0.562	355	1.0	0.125	0.989	56.3	71.0	−9.5	71.6	352.3	1.0	0.125	0.625	55.3	68.5	11.9	69.6	9.8	21.6	330	1.0	0.0	0.987	50.5	81.1	−10.9	81.9	352.3
663	B63R_100_087e	1.0	0.125	0.75	1.0	0.875	0.562	346	0.841	0.125	1.0	51.4	65.4	−19.0	68.1	343.7	1.0	0.125	0.75	55.1	71.5	0.8	71.5	0.6	21.1	320	0.819	0.0	1.0	44.9	74.7	−21.7	77.8	343.7
664	B56R_100_087e	1.0	0.125	0.875	1.0	0.875	0.562	338	0.708	0.125	1.0	47.1	61.2	−27.0	66.9	336.1	1.0	0.125	0.875	55.3	75.1	−9.9	75.7	352.4	23.4	310	0.666	0.0	1.0	39.9	69.9	−30.8	76.5	336.1
665	B50R_100_087e	1.0	0.125	1.0	1.0	0.875	0.562	330	0.573	0.125	1.0	42.9	57.0	−34.8	66.8	328.6	1.0	0.125	1.0	55.4	79.3	−20.8	82.0	345.3	29.1	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
666	R23Y_100_100e	1.0	0.25	0.0	1.0	1.0	0.5	44	1.0	0.059	0.0	51.5	66.0	57.5	87.5	41.0	1.0	0.25	0.0	60.1	51.5	70.8	87.6	53.9	21.4	33	1.0	0.059	0.0	51.5	66.0	57.5	87.5	41.0
667	R13Y_100_087e	1.0	0.25	0.125	1.0	0.875	0.562	38	1.0	0.125	0.215	55.4	61.1	41.8	74.1	34.3	1.0	0.25	0.125	60.4	51.0	61.9	80.2	50.5	23.0	384	1.0	0.0	0.103	49.4	69.9	47.8	84.7	34.3
668	R00Y_100_075e	1.0	0.25	0.25	1.0	0.75	0.625	390	1.0	0.25	0.492	61.6	54.0	25.7	59.8	25.4	1.0	0.25	0.25	60.6	51.7	50.8	72.5	44.5	25.2	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
669	R35Y_100_075e	1.0	0.25	0.375	1.0	0.75	0.625	381	1.0	0.25	0.649	61.8	55.4	15.3	57.5	15.4	1.0	0.25	0.375	61.2	52.3	37.9	64.6	35.9	22.8	357	1.0	0.0	0.532	50.1	73.9	20.4	76.7	15.4
670	R18Y_100_075e	1.0	0.25	0.5	1.0	0.75	0.625	371	1.0	0.25	0.807	61.9	57.4	4.3	57.6	4.3	1.0	0.25	0.5	61.7	53.5	25.2	59.2	25.2	21.3	344	1.0	0.0	0.743	50.2	76.6	5.7	76.8	4.3
671	R00Y_100_075e	1.0	0.25	0.625	1.0	0.75	0.625	360	1.0	0.25	0.994	62.1	60.9	−8.4	61.5	352.0	1.0	0.25	0.625	61.9	55.8	12.8	57.3	12.9	21.9	330	1.0	0.0	0.992	50.5	81.2	−11.3	82.0	352.0
672	B65R_100_075e	1.0	0.25	0.75	1.0	0.75	0.625	349	0.908	0.25	1.0	59.4	57.6	−13.7	59.2	346.6	1.0	0.25	0.75	62.2	59.3	0.5	59.3	0.5	14.6	323	0.878	0.0	1.0	46.8	76.8	−18.2	78.9	346.6
673	B57R_100_075e	1.0	0.25	0.875	1.0	0.75	0.625	339	0.763	0.25	1.0	54.7	52.8	−22.3	57.4	337.1	1.0	0.25	0.875	62.3	63.2	−11.6	64.3	349.5	16.7	312	0.685	0.0	1.0	40.6	70.5	−29.7	76.5	337.1
674	B50R_100_075e	1.0	0.25	1.0	1.0	0.75	0.625	330	0.634	0.25	1.0	50.6	48.8	−29.8	57.2	328.6	1.0	0.25	1.0	62.6	67.9	−23.6	71.9	340.8	23.3	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
675	R36Y_100_100e	1.0	0.375	0.0	1.0	1.0	0.5	52	1.0	0.196	0.0	57.5	56.4	67.2	87.7	49.9	1.0	0.375	0.0	65.8	39.3	77.7	87.1	63.1	21.7	40	1.0	0.196	0.0	57.5	56.4	67.2	87.7	49.9
676	R26Y_100_087e	1.0	0.375	0.125	1.0	0.875	0.562	46	1.0	0.212	0.125	58.5	55.8	52.6	76.7	43.3	1.0	0.375	0.125	66.3	38.4	68.3	78.4	60.6	24.6	35	1.0	0.099	0.0	53.0	63.8	60.1	87.7	43.3
677	R15Y_100_075e	1.0	0.375	0.25	1.0	0.75	0.625	39	1.0	0.25	0.302	61.2	52.2	37.2	64.1	35.5	1.0	0.375	0.25	66.9	38.2	56.9	68.6	56.1	24.7	386	1.0	0.0	0.069	49.3	69.6	49.6	85.5	35.5
678	R00Y_100_062e	1.0	0.375	0.375	1.0	0.625	0.687	390	1.0	0.375	0.577	67.5	45.0	21.4	49.8	25.4	1.0	0.375	0.375	67.4	39.1	43.0	58.1	47.7	22.3	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
679	R31Y_100_062e	1.0	0.375	0.5	1.0	0.625	0.687	379	1.0	0.375	0.734	67.7	46.5	10.9	47.8	13.2	1.0	0.375	0.5	67.9	40.5	29.8	50.3	36.3	19.8	355	1.0	0.0	0.575	50.1	74.5	17.5	76.5	13.2
680	R11Y_100_062e	1.0	0.375	0.625	1.0	0.625	0.687	367	1.0	0.375	0.896	67.8	49.0	−0.1	49.0	359.8	1.0	0.375	0.625	68.1	42.8	17.0	46.1	21.7	18.2	338	1.0	0.0	0.834	50.4	78.4	−0.1	78.4	359.8
681	B69R_100_062e	1.0	0.375	0.75	1.0	0.625	0.687	353	0.98	0.375	1.0	67.3	50.1	−8.4	50.8	350.4	1.0	0.375	0.75	68.6	46.2	3.5	46.4	4.4	12.7	328	0.968	0.0	1.0	49.6	80.2	−13.5	81.3	350.4
682	B59R_100_062e	1.0	0.375	0.875	1.0	0.625	0.687	341	0.826	0.375	1.0	62.5	44.7	−17.1	47.8	339.0	1.0	0.375	0.875	69.1	49.7	−8.9	50.5	349.7	11.6	314	0.722	0.0	1.0	41.8	71.5	−27.4	76.6	339.0
683	B50R_100_062e	1.0	0.375	1.0	1.0	0.625	0.687	330	0.695	0.375	1.0	58.3	40.7	−24.8	47.7	328.6	1.0	0.375	1.0	69.4	54.9	−22.1	59.2	338.0	18.2	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
684	R50Y_100_100e	1.0	0.5	0.0	1.0	1.0	0.5	60	1.0	0.317	0.0	63.2	45.1	74.8	87.4	58.8	1.0	0.5	0.0	70.9	28.8	83.5	88.3	70.9	20.0	48	1.0	0.317	0.0	63.2	45.1	74.8	87.4	58.8
685	R41Y_100_087e	1.0	0.5	0.125	1.0	0.875	0.562	55	1.0	0.336	0.125	64.3	45.8	61.5	76.7	53.3	1.0	0.5	0.125	71.2	27.8	74.0	79.0	69.4	22.9	43	1.0	0.241	0.0	59.7	52.3	70.3	87.6	53.3
686	R31Y_100_075e	1.0	0.5	0.25	1.0	0.75	0.625	49	1.0	0.363	0.25	65.7	45.2	47.9	65.8	46.6	1.0	0.5	0.25	71.8	27.8	61.8	67.8	65.7	23.1	38	1.0	0.151	0.0	55.3	60.3	63.8	87.8	46.6
687	R18Y_100_062e	1.0	0.5	0.375	1.0	0.625	0.687	41	1.0	0.375	0.375	67.1	43.1	33.3	54.5	37.7	1.0	0.5	0.375	72.6	28.4	47.7	55.5	59.2	21.2	389	1.0	0.0	0.0	49.2	69.0	53.3	87.2	37.7
688	R00Y_100_050e	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.661	73.4	36.0	17.1	39.8	25.4	1.0	0.5	0.5	73.1	30.0	34.0	45.4	48.5	17.9	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
689	R26Y_100_050e	1.0	0.5	0.625	1.0	0.5	0.75	376	1.0	0.5	0.819	73.5	37.6	6.5	38.2	9.8	1.0	0.5	0.625	73.4	32.2	21.3	38.6	33.4	15.7	350	1.0	0.0	0.639	50.1	75.2	13.1	76.4	9.8
690	R00Y_100_050e	1.0	0.5	0.75	1.0	0.5	0.75	360	1.0	0.5	0.996	73.7	40.6	−5.6	41.0	352.0	1.0	0.5	0.75	73.8	35.4	7.3	36.1	11.7	14.0	330	1.0	0.0	0.992	50.5	81.2	−11.3	82.0	352.0
691	B61R_100_050e	1.0	0.5	0.875	1.0	0.5	0.75	344	0.89	0.5	1.0	70.3	36.6	−12.0	38.6	341.8	1.0	0.5	0.875	74.2	39.1	−5.9	39.6	351.3	7.5	317	0.78	0.0	1.0	43.6	73.3	−24.0	77.2	341.8
692	B50R_100_050e	1.0	0.5	1.0	1.0	0.5	0.75	330	0.756	0.5	1.0	66.1	32.5	−19.8	38.1	328.6	1.0	0.5	1.0	74.7	44.0	−19.9	48.3	335.6	14.3	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
693	R63Y_100_100e	1.0	0.625	0.0	1.0	1.0	0.5	68	1.0	0.449	0.0	68.8	33.1	81.3	87.8	67.8	1.0	0.625	0.0	75.7	18.1	89.1	91.0	78.4	18.3	56	1.0	0.449	0.0	68.8	33.1	81.3	87.8	67.8
694	R58Y_100_087e	1.0	0.625	0.125	1.0	0.875	0.562	65	1.0	0.471	0.125	70.5	32.9	68.9	76.4	64.4	1.0	0.625	0.125	76.4	16.4	79.7	81.4	78.3	20.6	53	1.0	0.396	0.0	66.7	37.6	78.8	87.3	64.4
695	R50Y_100_075e	1.0	0.625	0.25	1.0	0.75	0.625	60	1.0	0.487	0.25	71.6	33.8	56.1	65.5	58.8	1.0	0.625	0.25	77.3	16.3	66.8	68.8	76.2	21.3	48	1.0	0.317	0.0	63.2	45.1	74.8	87.4	58.8
696	R38Y_100_062e	1.0	0.625	0.375	1.0	0.625	0.687	53	1.0	0.507	0.375	72.7	34.4	42.6	54.8	51.0	1.0	0.625	0.375	77.9	17.1	52.8	55.5	72.0	20.7	41	1.0	0.211	0.0	58.2	55.0	68.2	87.7	51.0
697	R23Y_100_050e	1.0	0.625	0.5	1.0	0.5	0.75	44	1.0	0.529	0.5	74.2	33.0	28.7	43.7	41.0	1.0	0.625	0.5	78.3	18.8	39.0	43.3	64.2	17.9	33	1.0	0.059	0.0	51.5	66.0	57.5	87.5	41.0
698	R00Y_100_037e	1.0	0.625	0.625	1.0	0.375	0.812	390	1.0	0.625	0.746	79.3	27.0	12.8	29.9	25.4	1.0	0.625	0.625	78.5	21.5	24.9	32.9	49.2	13.2	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
699	R18Y_100_037e	1.0	0.625	0.75	1.0	0.375	0.812	371	1.0	0.625	0.903	79.4	28.7	2.1	28.8	4.3	1.0	0.625	0.75	78.9	24.5	11.8	27.2	25.7	10.5	344	1.0	0.0	0.743	50.2	76.6	5.7	76.8	4.3
700	B65R_100_037e	1.0	0.625	0.875	1.0	0.375	0.812	349	0.954	0.625	1.0	78.2	28.8	−6.8	29.6	346.6	1.0	0.625	0.875	79.6	27.7	−1.5	27.8	356.7	5.5	323	0.878	0.0	1.0	46.8	76.8	−18.2	78.9	346.6
701	B50R_100_037e	1.0	0.625	1.0	1.0	0.375	0.812	330	0.817	0.625	1.0	73.8	24.4	−14.9	28.6	328.6	1.0	0.625	1.0	80.4	32.7	−15.9	36.4	334.0	10.7	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
702	R76Y_100_100e	1.0	0.75	0.0	1.0	1.0	0.5	76	1.0	0.595	0.0	74.6	20.7	87.9	90.3	76.7	1.0	0.75	0.0	80.9	6.8	95.5	95.8	85.9	17.1	66	1.0	0.595	0.0	74.6	20.7	87.9	90.3	76.7
703	R73Y_100_087e	1.0	0.75	0.125	1.0	0.875	0.562	74	1.0	0.613	0.125	76.1	20.9	75.5	78.3	74.4	1.0	0.75	0.125	81.7	5.2	86.3	86.5	86.4	19.8	63	1.0	0.558	0.0	73.1	23.9	86.3	89.5	74.4
704	R68Y_100_075e	1.0	0.75	0.25	1.0	0.75	0.625	71	1.0	0.627	0.25	77.5	21.4	62.7	66.3	71.1	1.0	0.75	0.25	82.5	5.1	72.7	72.9	85.9	19.7	60	1.0	0.502	0.0	71.0	28.5	83.6	88.4	71.1
705	R61Y_100_062e	1.0	0.75	0.375	1.0	0.625	0.687	67	1.0	0.644	0.375	78.9	21.6	50.3	54.8	66.6	1.0	0.75	0.375	83.2	5.7	58.1	58.4	84.3	18.2	55	1.0	0.431	0.0	68.1	34.7	80.5	87.7	66.6
706	R50Y_100_050e	1.0	0.75	0.5	1.0	0.5	0.75	60	1.0	0.658	0.5	80.1	22.5	37.4	43.7	58.8	1.0	0.75	0.5	83.7	7.4	44.3	45.0	80.5	17.0	48	1.0	0.317	0.0	63.2	45.1	74.8	87.4	58.8
707	R31Y_100_037e	1.0	0.75	0.625	1.0	0.375	0.812	49	1.0	0.681	0.625	81.3	22.6	23.9	32.9	46.6	1.0	0.75	0.625	84.0	9.9	30.8	32.4	72.0	14.6	38	1.0	0.151	0.0	55.3	60.3	63.8	87.8	46.6
708	R00Y_100_025e	1.0	0.75	0.75	1.0	0.25	0.875	390	1.0	0.75	0.83	85.2	18.0	8.5	19.9	25.4	1.0	0.75	0.75	84.6	12.9	17.2	21.5	53.1	10.0	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
709	R00Y_100_025e	1.0	0.75	0.875	1.0	0.25	0.875	360	1.0	0.75	0.998	85.3	20.3	−2.8	20.5	352.0	1.0	0.75	0.875	85.5	16.5	3.5	16.9	11.9	7.3	330	1.0	0.0	0.992	50.5	81.2	−11.3	82.0	352.0
710	B50R_100_025e	1.0	0.75	1.0	1.0	0.25	0.875	330	0.878	0.75	1.0	81.5	16.2	−9.9	19.0	328.6	1.0	0.75	1.0	86.5	21.4	−10.8	24.0	333.1	7.2	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
711	R88Y_100_100e	1.0	0.875	0.0	1.0	1.0	0.5	83	1.0	0.726	0.0	79.9	9.0	94.4	94.9	84.5	1.0	0.875	0.0	85.8	−3.6	101.3	101.3	92.0	15.5	74	1.0	0.726	0.0	79.9	9.0	94.4	94.9	84.5
712	R86Y_100_087e	1.0	0.875	0.125	1.0	0.875	0.562	82	1.0	0.744	0.125	81.4	9.4	81.8	82.4	83.4	1.0	0.875	0.125	86.6	−5.3	92.4	92.6	93.3	19.0	73	1.0	0.707	0.0	79.2	10.8	93.5	94.1	83.4
713	R85Y_100_075e	1.0	0.875	0.25	1.0	0.75	0.625	81	1.0	0.766	0.25	83.0	9.4	69.4	70.1	82.2	1.0	0.875	0.25	87.6	−5.8	79.2	79.4	94.2	18.6	72	1.0	0.688	0.0	78.4	12.5	92.6	93.4	82.2
714	R81Y_100_062e	1.0	0.875	0.375	1.0	0.625	0.687	79	1.0	0.782	0.375	84.4	9.9	56.6	57.5	80.0	1.0	0.875	0.375	88.2	−5.1	64.3	64.5	94.5	17.2	69	1.0	0.651	0.0	76.8	15.8	90.6	92.0	80.0
715	R76Y_100_050e	1.0	0.875	0.5	1.0	0.5	0.75	76	1.0	0.797	0.5	85.8	10.3	43.9	45.1	76.7	1.0	0.875	0.5	88.8	−3.4	49.9	50.0	93.9	15.3	66	1.0	0.595	0.0	74.6	20.7	87.9	90.3	76.7
716	R68Y_100_037e	1.0	0.875	0.625	1.0	0.375	0.812	71	1.0	0.813	0.625	87.2	10.7	31.3	33.1	71.1	1.0	0.875	0.625	89.4	−1.0	35.9	35.9	91.7	12.8	60	1.0	0.502	0.0	71.0	28.5	83.6	88.4	71.1
717	R50Y_100_025e	1.0	0.875	0.75	1.0	0.25	0.875	60	1.0	0.829	0.75	88.5	11.2	18.7	21.8	58.8	1.0	0.875	0.75	90.0	2.0	22.2	22.3	84.8	10.0	48	1.0	0.317	0.0	63.2	45.1	74.8	87.4	58.8
718	R00Y_100_012e	1.0	0.875	0.875	1.0	0.125	0.937	390	1.0	0.875	0.915	91.1	9.0	4.2	9.9	25.4	1.0	0.875	0.875	90.9	5.8	8.6	10.4	55.9	5.3	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
719	B50R_100_012e	1.0	0.875	1.0	1.0	0.125	0.937	330	0.939	0.875	1.0	89.2	8.1	−4.9	9.5	328.6	1.0	0.875	1.0	91.9	10.5	−5.5	11.9	332.1	3.6	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
720	Y00G_100_100e	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3	1.0	1.0	0.0	90.8	−14.0	107.7	108.6	97.4	12.6	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
721	Y00G_100_087e	1.0	1.0	0.125	1.0	0.875	0.562	90	1.0	0.895	0.125	87.4	−3.5	88.9	89.0	92.3	1.0	1.0	0.125	91.6	−15.8	97.3	98.6	99.2	15.4	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
722	Y00G_100_075e	1.0	1.0	0.25	1.0	0.75	0.625	90	1.0	0.91	0.25	88.7	−3.0	76.2	76.2	92.3	1.0	1.0	0.25	92.5	−16.0	84.9	86.4	100.7	16.0	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
723	Y00G_100_062e	1.0	1.0	0.375	1.0	0.625	0.687	90	1.0	0.925	0.375	90.1	−2.5	63.5	63.5	92.3	1.0	1.0	0.375	93.1	−15.3	69.3	71.0	102.4	14.3	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
724	Y00G_100_050e	1.0	1.0	0.5	1.0	0.5	0.75	90	1.0	0.94	0.5	91.5	−2.0	50.8	50.8	92.3	1.0	1.0	0.5	93.7	−13.6	55.2	56.9	103.9	12.6	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
725	Y00G_100_037e	1.0	1.0	0.625	1.0	0.375	0.812	90	1.0	0.955	0.625	92.8	−1.5	38.1	38.1	92.3	1.0	1.0	0.625	94.5	−11.6	41.3	42.9	105.7	10.7	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
726	Y00G_100_025e	1.0	1.0	0.75	1.0	0.25	0.875	90	1.0	0.97	0.75	94.2	−1.0	25.4	25.4	92.3	1.0	1.0	0.75	95.4	−8.9	27.9	29.3	107.7	8.4	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
727	Y00G_100_012e	1.0	1.0	0.875	1.0	0.125	0.937	90	1.0	0.985	0.875	95.6	−0.5	12.7	12.7	92.3	1.0	1.0	0.875	96.2	−4.9	13.9	14.8	109.6	4.6	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
728	NW_100e	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0

Mean color difference of this page: **delta *E*'* = *18.3***

see similar files: http://farbe.li.tu-berlin.de/ZE15/ZE15.HTM
http://130.149.60.45/~farbmetrik or http://farbe.li.tu-berlin.de

TUB registration: 20160101-ZE15/ZE15L0NP.PDF /.PS
application for measurement of photo printer output, separation rgb (CMYK)
TUB material: code=rha4ta

TUB-test chart ZE15; test chart G of CIE R8−09:2015
colors and differences, ΔE*', 3D=0, de=1, *RGB*

input: *rgb/cmyk* −> *rgb*e
output: transfer to *rgb*e

n	HIC*Fe	rgb_Fe			ict_Fe			$h_{si\_F,e}$	rgb*Fe			LabCh*Fe					rgb*'Fe			LabCh*'Fe					DE*'Fe	$h_{siM,e}$	rgb*Me			LabCh*Me				
729	NW_100$_e$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.9	0.0	0.0	0.0	230.0	0.0	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
730	G50B_100_012$_e$	0.875	1.0	1.0	1.0	0.125	0.937	210	0.875	1.0	0.961	91.2	−5.4	−4.1	6.8	216.9	0.875	1.0	1.0	92.3	−5.9	−7.1	9.2	230.5	3.2	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9
731	G50B_100_025$_e$	0.75	1.0	1.0	1.0	0.25	0.875	210	0.75	1.0	0.922	85.5	−10.9	−8.2	13.7	216.9	0.75	1.0	1.0	87.4	−12.1	−14.2	18.7	229.6	6.4	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9
732	G50B_100_037$_e$	0.625	1.0	1.0	1.0	0.375	0.812	210	0.625	1.0	0.883	79.8	−16.4	−12.3	20.5	216.9	0.625	1.0	1.0	82.4	−18.4	−21.2	28.1	229.0	9.5	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9
733	G50B_100_050$_e$	0.5	1.0	1.0	1.0	0.5	0.75	210	0.5	1.0	0.844	74.1	−21.8	−16.4	27.4	216.9	0.5	1.0	1.0	77.6	−23.8	−28.2	36.9	229.8	12.4	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9
734	G50B_100_062$_e$	0.375	1.0	1.0	1.0	0.625	0.687	210	0.375	1.0	0.806	68.3	−27.3	−20.6	34.2	216.9	0.375	1.0	1.0	72.4	−28.5	−36.1	46.0	231.7	16.1	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9
735	G50B_100_075$_e$	0.25	1.0	1.0	1.0	0.75	0.625	210	0.25	1.0	0.767	62.6	−32.8	−24.7	41.1	216.9	0.25	1.0	1.0	66.5	−30.0	−44.0	53.3	235.7	19.9	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9
736	G50B_100_087$_e$	0.125	1.0	1.0	1.0	0.875	0.562	210	0.125	1.0	0.728	56.9	−38.3	−28.8	47.9	216.9	0.125	1.0	1.0	59.0	−26.3	−53.1	59.3	243.6	27.1	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9
737	G50B_100_100$_e$	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9	0.0	1.0	1.0	53.3	−17.0	−58.9	61.3	253.8	37.3	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9
738	R00Y_100_012$_e$	1.0	0.875	0.875	1.0	0.125	0.937	390	1.0	0.875	0.915	91.1	9.0	4.2	9.9	25.4	1.0	0.875	0.875	90.9	5.8	8.5	10.3	55.6	5.3	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
739	NW_087$_e$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.2	0.0	0.0	0.0	0.0	0.875	0.875	0.875	86.9	−0.4	3.0	3.0	98.0	3.1	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
740	G50B_087_012$_e$	0.75	0.875	0.875	0.875	0.125	0.812	210	0.75	0.875	0.836	80.5	−5.4	−4.1	6.8	216.9	0.75	0.875	0.875	82.9	−6.1	−3.2	6.9	207.7	2.6	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9
741	G50B_087_025$_e$	0.625	0.875	0.875	0.875	0.25	0.75	210	0.625	0.875	0.797	74.8	−10.9	−8.2	13.7	216.9	0.625	0.875	0.875	78.6	−12.6	−9.6	15.8	217.4	4.4	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9
742	G50B_087_037$_e$	0.5	0.875	0.875	0.875	0.375	0.687	210	0.5	0.875	0.758	69.1	−16.4	−12.3	20.5	216.9	0.5	0.875	0.875	74.1	−19.2	−16.3	25.2	220.2	7.0	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9
743	G50B_087_050$_e$	0.375	0.875	0.875	0.875	0.5	0.625	210	0.375	0.875	0.719	63.3	−21.8	−16.4	27.4	216.9	0.375	0.875	0.875	68.5	−25.7	−24.8	35.7	223.8	10.5	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9
744	G50B_087_062$_e$	0.25	0.875	0.875	0.875	0.625	0.562	210	0.25	0.875	0.681	57.6	−27.3	−20.6	34.2	216.9	0.25	0.875	0.875	62.9	−29.1	−33.2	44.2	228.7	13.7	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9
745	G50B_087_075$_e$	0.125	0.875	0.875	0.875	0.75	0.5	210	0.125	0.875	0.642	51.9	−32.8	−24.7	41.1	216.9	0.125	0.875	0.875	56.3	−27.7	−42.2	50.5	236.6	18.7	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9
746	G50B_087_087$_e$	0.0	0.875	0.875	0.875	0.875	0.437	210	0.0	0.875	0.603	46.2	−38.3	−28.8	47.9	216.9	0.0	0.875	0.875	49.8	−21.0	−49.8	54.1	247.1	27.4	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9
747	R00Y_100_025$_e$	1.0	0.75	0.75	1.0	0.25	0.875	390	1.0	0.75	0.83	85.2	18.0	8.5	19.9	25.4	1.0	0.75	0.75	84.6	12.9	16.8	21.2	52.3	9.6	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
748	R00Y_087_012$_e$	0.875	0.75	0.75	0.875	0.125	0.812	390	0.875	0.75	0.79	80.3	9.0	4.2	9.9	25.4	0.875	0.75	0.75	81.9	3.9	11.7	12.3	71.4	9.1	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
749	NW_075$_e$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	75.5	0.0	0.0	0.0	0.0	0.75	0.75	0.75	75.4	−0.6	4.9	4.9	97.1	4.9	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
750	G50B_075_012$_e$	0.625	0.75	0.75	0.75	0.125	0.687	210	0.625	0.75	0.711	69.8	−5.4	−4.1	6.8	216.9	0.625	0.75	0.75	71.6	−6.4	−1.0	6.5	189.5	3.6	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9
751	G50B_075_025$_e$	0.5	0.75	0.75	0.75	0.25	0.625	210	0.5	0.75	0.672	64.0	−10.9	−8.2	13.7	216.9	0.5	0.75	0.75	67.3	−13.3	−7.4	15.3	209.1	4.1	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9
752	G50B_075_037$_e$	0.375	0.75	0.75	0.75	0.375	0.562	210	0.375	0.75	0.633	58.3	−16.4	−12.3	20.5	216.9	0.375	0.75	0.75	62.4	−20.4	−14.7	25.2	215.8	6.2	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9
753	G50B_075_050$_e$	0.25	0.75	0.75	0.75	0.5	0.5	210	0.25	0.75	0.594	52.6	−21.8	−16.4	27.4	216.9	0.25	0.75	0.75	56.8	−26.4	−23.3	35.2	221.5	9.2	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9
754	G50B_075_062$_e$	0.125	0.75	0.75	0.75	0.625	0.437	210	0.125	0.75	0.556	46.9	−27.3	−20.6	34.2	216.9	0.125	0.75	0.75	50.7	−27.8	−32.1	42.5	229.0	12.1	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9
755	G50B_075_075$_e$	0.0	0.75	0.75	0.75	0.75	0.375	210	0.0	0.75	0.517	41.2	−32.8	−24.7	41.1	216.9	0.0	0.75	0.75	44.5	−22.9	−40.2	46.3	240.3	18.7	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9
756	R00Y_100_037$_e$	1.0	0.625	0.625	1.0	0.375	0.812	390	1.0	0.625	0.746	79.3	27.0	12.8	29.9	25.4	1.0	0.625	0.625	78.6	21.4	24.9	32.9	49.3	13.3	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
757	R00Y_087_025$_e$	0.875	0.625	0.625	0.875	0.25	0.75	390	0.875	0.625	0.705	74.4	18.0	8.5	19.9	25.4	0.875	0.625	0.625	76.1	11.0	19.6	22.5	60.5	13.1	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
758	R00Y_075_012$_e$	0.75	0.625	0.625	0.75	0.125	0.687	390	0.75	0.625	0.665	69.6	9.0	4.2	9.9	25.4	0.75	0.625	0.625	70.6	3.6	13.3	13.8	74.6	10.5	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
759	NW_062$_e$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	64.7	0.0	0.0	0.0	0.0	0.625	0.625	0.625	63.2	−0.8	6.3	6.3	97.9	6.5	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
760	G50B_062_012$_e$	0.5	0.625	0.625	0.625	0.125	0.562	210	0.5	0.625	0.586	59.0	−5.4	−4.1	6.8	216.9	0.5	0.625	0.625	59.4	−6.8	0.5	6.8	175.7	4.8	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9
761	G50B_062_025$_e$	0.375	0.625	0.625	0.625	0.25	0.5	210	0.375	0.625	0.547	53.3	−10.9	−8.2	13.7	216.9	0.375	0.625	0.625	54.8	−14.1	−6.1	15.4	203.2	4.1	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9
762	G50B_062_037$_e$	0.25	0.625	0.625	0.625	0.375	0.437	210	0.25	0.625	0.508	47.6	−16.4	−12.3	20.5	216.9	0.25	0.625	0.625	49.3	−21.4	−14.2	25.7	213.5	5.6	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9
763	G50B_062_050$_e$	0.125	0.625	0.625	0.625	0.5	0.375	210	0.125	0.625	0.469	41.9	−21.8	−16.4	27.4	216.9	0.125	0.625	0.625	43.6	−26.1	−23.2	34.9	221.6	8.1	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9
764	G50B_062_062$_e$	0.0	0.625	0.625	0.625	0.625	0.312	210	0.0	0.625	0.431	36.1	−27.3	−20.6	34.2	216.9	0.0	0.625	0.625	38.0	−23.3	−31.2	38.9	233.2	11.4	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9
765	R00Y_100_050$_e$	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.661	73.4	36.0	17.1	39.8	25.4	1.0	0.5	0.5	73.2	29.6	34.7	45.7	49.5	18.7	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
766	R00Y_087_037$_e$	0.875	0.5	0.5	0.875	0.375	0.687	390	0.875	0.5	0.621	68.6	27.0	12.8	29.9	25.4	0.875	0.5	0.5	69.9	20.3	26.7	33.5	52.8	15.4	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
767	R00Y_075_025$_e$	0.75	0.5	0.5	0.75	0.25	0.625	390	0.75	0.5	0.58	63.7	18.0	8.5	19.9	25.4	0.75	0.5	0.5	64.8	11.0	20.5	23.3	61.7	13.9	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
768	R00Y_062_012$_e$	0.625	0.5	0.5	0.625	0.125	0.562	390	0.625	0.5	0.54	58.9	9.0	4.2	9.9	25.4	0.625	0.5	0.5	58.4	3.5	15.0	15.4	76.9	12.1	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
769	NW_050$_e$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	54.0	0.0	0.0	0.0	0.0	0.5	0.5	0.5	51.6	−0.9	7.0	7.1	97.8	7.5	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
770	G50B_050_012$_e$	0.375	0.5	0.5	0.5	0.125	0.437	210	0.375	0.5	0.461	48.3	−5.4	−4.1	6.8	216.9	0.375	0.5	0.5	47.8	−7.4	0.8	7.5	173.5	5.3	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9
771	G50B_050_025$_e$	0.25	0.5	0.5	0.5	0.25	0.375	210	0.249	0.5	0.422	42.6	−10.9	−8.2	13.7	216.9	0.25	0.5	0.5	42.5	−15.0	−6.0	16.2	201.8	4.6	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9
772	G50B_050_037$_e$	0.125	0.5	0.5	0.5	0.375	0.312	210	0.124	0.5	0.383	36.9	−16.4	−12.3	20.5	216.9	0.125	0.5	0.5	36.6	−21.8	−15.1	26.6	214.7	6.1	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9
773	G50B_050_050$_e$	0.0	0.5	0.5	0.5	0.5	0.25	210	0.0	0.5	0.344	31.1	−21.8	−16.4	27.4	216.9	0.0	0.5	0.5	31.7	−22.0	−23.5	32.2	226.8	7.0	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9
774	R00Y_100_062$_e$	1.0	0.375	0.375	1.0	0.625	0.687	390	1.0	0.375	0.577	67.5	45.0	21.4	49.8	25.4	1.0	0.375	0.375	67.7	39.1	43.0	58.1	47.7	22.3	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
775	R00Y_087_050$_e$	0.875	0.375	0.375	0.875	0.5	0.625	390	0.875	0.375	0.536	62.7	36.0	17.1	39.8	25.4	0.875	0.375	0.375	64.4	29.3	35.8	46.3	50.6	19.8	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
776	R00Y_075_037$_e$	0.75	0.375	0.375	0.75	0.375	0.562	390	0.75	0.375	0.496	57.8	27.0	12.8	29.9	25.4	0.75	0.375	0.375	59.5	19.7	27.6	33.9	54.4	16.5	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
777	R00Y_062_025$_e$	0.625	0.375	0.375	0.625	0.25	0.5	390	0.625	0.375	0.455	53.0	18.0	8.5	19.9	25.4	0.625	0.375	0.375	53.0	11.4	21.8	24.6	62.3	14.7	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
778	R00Y_050_012$_e$	0.5	0.375	0.375	0.5	0.125	0.437	390	0.5	0.375	0.415	48.1	9.0	4.2	9.9	25.4	0.5	0.375	0.375	46.5	4.0	16.4	16.9	76.3	13.2	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
779	NW_037$_e$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	43.3	0.0	0.0	0.0	0.0	0.375	0.375	0.375	39.7	−0.9	7.7	7.7	96.8	8.5	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
780	G50B_037_012$_e$	0.25	0.375	0.375	0.375	0.125	0.312	210	0.249	0.375	0.336	37.6	−5.4	−4.1	6.8	216.9	0.25	0.375	0.375	36.0	−8.2	0.5	8.2	176.4	5.6	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9
781	G50B_037_025$_e$	0.125	0.375	0.375	0.375	0.25	0.25	210	0.124	0.375	0.297	31.8	−10.9	−8.2	13.7	216.9	0.125	0.375	0.375	30.8	−16.2	−7.8	18.0	205.9	5.3	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9
782	G50B_037_037$_e$	0.0	0.375	0.375	0.375	0.375	0.187	210	0.0	0.375	0.258	26.1	−16.4	−12.3	20.5	216.9	0.0	0.375	0.375	26.1	−19.9	−16.2	25.7	219.0	5.2	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9
783	R00Y_100_075$_e$	1.0	0.25	0.25	1.0	0.75	0.625	390	1.0	0.25	0.492	61.6	54.0	25.7	59.8	25.4	1.0	0.25	0.25	61.1	51.2	50.8	72.2	44.7	25.2	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
784	R00Y_087_062$_e$	0.875	0.25	0.25	0.875	0.625	0.562	390	0.875	0.25	0.452	56.8	45.0	21.4	49.8	25.4	0.875	0.25	0.25	58.2	40.7	42.3	58.7	46.0	21.3	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
785	R00Y_075_050$_e$	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.411	51.9	36.0	17.1	39.8	25.4	0.75	0.25	0.25	53.1	30.9	33.9	45.9	47.6	17.5	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
786	R00Y_062_037$_e$	0.625	0.25	0.25	0.625	0.375	0.437	390	0.625	0.25	0.371	47.1	27.0	12.8	29.9	25.4	0.625	0.25	0.25	47.1	21.0	28.0	35.0	53.2	16.3	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
787	R00Y_050_025$_e$	0.5	0.25	0.25	0.5	0.25	0.375	390	0.5	0.249	0.33	42.2	18.0	8.5	19.9	25.4	0.5	0.25	0.25	40.9	12.6	21.7	25.2	59.7	14.2	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
788	R00Y_037_012$_e$	0.375	0.25	0.25	0.375	0.125	0.312	390	0.375	0.249	0.29	37.4	9.0	4.2	9.9	25.4	0.375	0.25	0.25	34.8	5.0	15.9	16.7	72.5	12.5	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
789	NW_025$_e$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	32.5	0.0	0.0	0.0	0.0	0.25	0.25	0.25	28.4	−0.5	6.8	6.8	94.5	8.0	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
790	G50B_025_012$_e$	0.125	0.25	0.25	0.25	0.125	0.187	210	0.124	0.25	0.211	26.8	−5.4	−4.1	6.8	216.9	0.125	0.25	0.25	24.6	−9.0	−1.2	9.0	187.7	5.0	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9
791	G50B_025_025$_e$	0.0	0.25	0.25	0.25	0.25	0.125	210	0.0	0.25	0.172	21.1	−10.9	−8.2	13.7	216.9	0.0	0.25	0.25	20.9	−14.8	−9.0	17.3	211.3	3.9	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9
792	R00Y_100_087$_e$	1.0	0.125	0.125	1.0	0.875	0.562	390	1.0	0.125	0.407	55.7	63.0	30.0	69.8	25.4	1.0	0.125	0.125	54.4	63.1	53.5	82.8	40.3	23.5	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
793	R00Y_087_075$_e$	0.875	0.125	0.125	0.875	0.75	0.5	390	0.875	0.125	0.367	50.9	54.0	25.7	59.8	25.4	0.875	0.125	0.125	51.5	53.4	46.1	70.6	40.7	20.3	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
794	R00Y_075_062$_e$	0.75	0.125	0.125	0.75	0.625	0.437	390	0.75	0.125	0.327	46.1	45.0	21.4	49.8	25.4	0.75	0.125	0.125	46.5	43.5	38.2	57.9	41.3	16.9	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
795	R00Y_062_050$_e$	0.625	0.125	0.125	0.625	0.5	0.375	390	0.625	0.125	0.286	41.2	36.0	17.1	39.8	25.4	0.625	0.125	0.125	40.7	33.3	31.8	46.1	43.6	14.9	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
796	R00Y_050_037$_e$	0.5	0.125	0.125	0.5	0.375	0.312	390	0.5	0.124	0.246	36.4	27.0	12.8	29.9	25.4	0.5	0.125	0.125	35.0	23.5	25.2	34.5	47.0	12.9	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
797	R00Y_037_025$_e$	0.375	0.125	0.125	0.375	0.25	0.25	390	0.375	0.124	0.205	31.5	18.0	8.5	19.9	25.4	0.375	0.125	0.125	29.5	14.9	18.7	23.9	51.5	10.8	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
798	R00Y_025_012$_e$	0.25	0.125	0.125	0.25	0.125	0.187	390	0.25	0.124	0.165	26.7	9.0	4.2	9.9	25.4	0.25	0.125	0.125	24.4	7.4	12.3	14.3	59.0	8.5	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
799	NW_012$_e$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	21.8	0.0	0.0	0.0	0.0	0.125	0.125	0.125	17.8	−0.3	3.8	3.8	95.4	5.5	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
800	G50B_012_012$_e$	0.0	0.125	0.125	0.125	0.125	0.062	210	0.0	0.125	0.086	16.1	−5.4	−4.1	6.8	216.9	0.0	0.125	0.125	15.5	−6.4	−2.3	6.9	200.1	2.1	192	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9
801	R00Y_100_100$_e$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4	1.0	0.0	0.0	49.4	69.0	53.6	87.4	37.8	19.5	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
802	R00Y_087_087$_e$	0.875	0.0	0.0	0.875	0.875	0.437	390	0.875	0.0	0.282	45.0	63.0	30.0	69.8	25.4	0.875	0.0	0.0	45.6	61.7	47.0	77.6	37.2	17.0	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
803	R00Y_075_075$_e$	0.75	0.0	0.0	0.75	0.75	0.375	390	0.75	0.0	0.242	40.2	54.0	25.7	59.8	25.4	0.75	0.0	0.0	40.5	53.3	38.7	65.9	35.9	13.0	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
804	R00Y_062_062$_e$	0.625	0.0	0.0	0.625	0.625	0.312	390	0.625	0.0	0.202	35.3	45.0	21.4	49.8	25.4	0.625	0.0	0.0	34.6	44.1	31.1	53.9	35.2	9.7	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
805	R00Y_050_050$_e$	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.161	30.5	36.0	17.1	39.8	25.4	0.5	0.0	0.0	29.3	34.0	24.6	42.0	35.8	7.7	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
806	R00Y_037_037$_e$	0.375	0.0	0.0	0.375	0.375	0.187	390	0.375	0.0	0.121	25.6	27.0	12.8	29.9	25.4	0.375	0.0	0.0	24.7	24.4	17.6	30.1	35.7	5.4	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
807	R00Y_025_025$_e$	0.25	0.0	0.0	0.25	0.25	0.125	390	0.25	0.0	0.08	20.8	18.0	8.5	19.9	25.4	0.25	0.0	0.0	20.9	15.2	12.0	19.4	38.1	4.3	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
808	R00Y_012_012$_e$	0.125	0.0	0.0	0.125	0.125	0.062	390	0.125	0.0	0.04	15.9	9.0	4.2	9.9	25.4	0.125	0.0	0.0	15.8	6.2	5.8	8.5	43.4	3.2	371	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
809	NW_000$_e$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0	0.1	0.1	110.6	0.1	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0

Mean color difference of this page: **delta *E**' = *11.1***

see similar files: http://farbe.li.tu-berlin.de/ZE15/ZE15.HTM
http://130.149.60.45/~farbmetrik or http://farbe.li.tu-berlin.de

TUB registration: 20160101-ZE15/ZE15L0NP.PDF /.PS
application for measurement of photo printer output, separation rgb (CMYK)
TUB material: code=rha4ta

TUB-test chart ZE15; test chart G of CIE R8-09:2015
colors and differences, $\Delta E^{*'}$, 3D=0, de=1, *RGB*

input: *rgb/cmyk* -> rgb_e
output: transfer to rgb_e

n	HIC*Fe	rgb_Fe			ict_Fe			h si_F,e	rgb*Fe			LabCh*Fe					rgb*'Fe			LabCh*'Fe					DE*'Fe	h siM,e	rgb*Me			LabCh*Me				
810	NW_100e	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.9	0.0	0.1	0.1	101.8	0.1	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
811	B00R_100_012e	0.875	0.875	1.0	1.0	0.125	0.937	270	0.875	0.965	1.0	90.5	0.2	−8.1	8.1	271.7	0.875	0.875	1.0	88.1	4.6	−11.9	12.7	291.1	6.2	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
812	B00R_100_025e	0.75	0.75	1.0	1.0	0.25	0.875	270	0.75	0.931	1.0	84.0	0.4	−16.3	16.3	271.7	0.75	0.75	1.0	77.8	9.5	−23.6	25.5	291.9	13.2	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
813	B00R_100_037e	0.625	0.625	1.0	1.0	0.375	0.812	270	0.625	0.897	1.0	77.6	0.7	−24.4	24.4	271.7	0.625	0.625	1.0	67.8	15.5	−35.2	38.5	293.8	20.7	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
814	B00R_100_050e	0.5	0.5	1.0	1.0	0.5	0.75	270	0.5	0.862	1.0	71.1	0.9	−32.6	32.6	271.7	0.5	0.5	1.0	58.5	22.8	−43.9	49.5	297.4	27.6	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
815	B00R_100_062e	0.375	0.375	1.0	1.0	0.625	0.687	270	0.375	0.828	1.0	64.7	1.2	−40.7	40.8	271.7	0.375	0.375	1.0	48.4	30.9	−52.2	60.6	300.6	35.7	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
816	B00R_100_075e	0.25	0.25	1.0	1.0	0.75	0.625	270	0.25	0.794	1.0	58.2	1.4	−48.9	48.9	271.7	0.25	0.25	1.0	38.0	40.3	−59.8	72.2	304.0	45.1	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
817	B00R_100_087e	0.125	0.125	1.0	1.0	0.875	0.562	270	0.125	0.76	1.0	51.8	1.7	−57.1	57.1	271.7	0.125	0.125	1.0	26.8	49.1	−65.5	81.9	306.8	54.2	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
818	B00R_100_100e	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7	0.0	0.0	1.0	19.1	49.4	−65.8	82.3	306.9	54.2	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
819	Y00G_100_012e	1.0	1.0	0.875	1.0	0.125	0.937	90	1.0	0.985	0.875	95.6	−0.5	12.7	12.7	92.3	1.0	1.0	0.875	96.2	−4.9	13.8	14.7	109.5	4.6	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
820	NW_087e	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.2	0.0	0.0	0.0	0.0	0.875	0.875	0.875	86.8	−0.3	3.0	3.0	97.3	3.1	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
821	B00R_087_012e	0.75	0.75	0.875	0.875	0.125	0.812	270	0.75	0.84	0.875	79.8	0.2	−8.1	8.1	271.7	0.75	0.75	0.875	79.5	2.6	−7.3	7.8	290.0	2.5	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
822	B00R_087_025e	0.625	0.625	0.875	0.875	0.25	0.75	270	0.625	0.806	0.875	73.3	0.4	−16.3	16.3	271.7	0.625	0.625	0.875	69.9	7.5	−18.6	20.1	292.1	8.1	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
823	B00R_087_037e	0.5	0.5	0.875	0.875	0.375	0.687	270	0.5	0.772	0.875	66.8	0.7	−24.4	24.4	271.7	0.5	0.5	0.875	59.0	15.1	−30.8	34.3	296.1	17.5	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
824	B00R_087_050e	0.375	0.375	0.875	0.875	0.5	0.625	270	0.375	0.737	0.875	60.4	0.9	−32.6	32.6	271.7	0.375	0.375	0.875	49.1	22.0	−40.3	45.9	298.6	25.0	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
825	B00R_087_062e	0.25	0.25	0.875	0.875	0.625	0.562	270	0.25	0.703	0.875	53.9	1.2	−40.7	40.8	271.7	0.25	0.25	0.875	39.1	30.9	−48.9	57.8	302.3	34.1	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
826	B00R_087_075e	0.125	0.125	0.875	0.875	0.75	0.5	270	0.125	0.669	0.875	47.5	1.4	−48.9	48.9	271.7	0.125	0.125	0.875	28.7	39.6	−55.9	68.5	305.2	43.0	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
827	B00R_087_087e	0.0	0.0	0.875	0.875	0.875	0.437	270	0.0	0.635	0.875	41.0	1.7	−57.1	57.1	271.7	0.0	0.0	0.875	19.0	42.3	−59.3	72.9	305.5	46.2	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
828	Y00G_100_025e	1.0	1.0	0.75	1.0	0.25	0.875	90	1.0	0.97	0.75	94.2	−1.0	25.4	25.4	92.3	1.0	1.0	0.75	95.4	−8.8	27.8	29.2	107.7	8.3	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
829	Y00G_087_012e	0.875	0.875	0.75	0.875	0.125	0.812	90	0.875	0.86	0.75	84.8	−0.5	12.7	12.7	92.3	0.875	0.875	0.75	85.9	−4.6	16.1	16.8	106.0	5.5	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
830	NW_075e	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	75.5	0.0	0.0	0.0	0.0	0.75	0.75	0.75	75.3	−0.5	4.8	4.9	96.7	4.9	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
831	B00R_075_012e	0.625	0.625	0.75	0.75	0.125	0.687	270	0.625	0.715	0.75	69.0	0.2	−8.1	8.1	271.7	0.625	0.625	0.75	68.1	2.0	−5.1	5.5	291.9	3.6	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
832	B00R_075_025e	0.5	0.5	0.75	0.75	0.25	0.625	270	0.5	0.681	0.75	62.6	0.4	−16.3	16.3	271.7	0.5	0.5	0.75	58.1	7.2	−16.9	18.4	293.2	8.1	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
833	B00R_075_037e	0.375	0.375	0.75	0.75	0.375	0.562	270	0.375	0.647	0.75	56.1	0.7	−24.4	24.4	271.7	0.375	0.375	0.75	48.0	13.7	−28.0	31.2	296.0	15.7	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
834	B00R_075_050e	0.25	0.25	0.75	0.75	0.5	0.5	270	0.25	0.612	0.75	49.7	0.9	−32.6	32.6	271.7	0.25	0.25	0.75	38.3	21.3	−37.2	42.9	299.8	23.7	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
835	B00R_075_062e	0.125	0.125	0.75	0.75	0.625	0.437	270	0.125	0.578	0.75	43.2	1.2	−40.7	40.8	271.7	0.125	0.125	0.75	27.9	30.0	−45.7	54.6	303.3	32.9	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
836	B00R_075_075e	0.0	0.0	0.75	0.75	0.75	0.375	270	0.0	0.544	0.75	36.7	1.4	−48.9	48.9	271.7	0.0	0.0	0.75	18.4	34.5	−50.2	60.9	304.4	37.7	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
837	Y00G_100_037e	1.0	1.0	0.625	1.0	0.375	0.812	90	1.0	0.955	0.625	92.8	−1.5	38.1	38.1	92.3	1.0	1.0	0.625	94.5	−11.6	41.3	42.9	105.7	10.7	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
838	Y00G_087_025e	0.875	0.875	0.625	0.875	0.25	0.75	90	0.875	0.845	0.625	83.5	−1.0	25.4	25.4	92.3	0.875	0.875	0.625	85.0	−7.9	29.5	30.6	105.1	8.2	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
839	Y00G_075_012e	0.75	0.75	0.625	0.75	0.125	0.687	90	0.75	0.735	0.625	74.1	−0.5	12.7	12.7	92.3	0.75	0.75	0.625	74.5	−4.6	17.6	18.2	104.7	6.4	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
840	NW_062e	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	64.7	0.0	0.0	0.0	0.0	0.625	0.625	0.625	63.0	−0.8	6.4	6.4	97.4	6.7	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
841	B00R_062_012e	0.5	0.5	0.625	0.625	0.125	0.562	270	0.5	0.59	0.625	58.3	0.2	−8.1	8.1	271.7	0.5	0.5	0.625	55.7	2.0	−3.6	4.1	299.4	5.5	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
842	B00R_062_025e	0.375	0.375	0.625	0.625	0.25	0.5	270	0.375	0.556	0.625	51.8	0.4	−16.3	16.3	271.7	0.375	0.375	0.625	45.2	7.1	−15.5	17.1	294.6	9.4	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
843	B00R_062_037e	0.25	0.25	0.625	0.625	0.375	0.437	270	0.25	0.522	0.625	45.4	0.7	−24.4	24.4	271.7	0.25	0.25	0.625	35.7	13.6	−25.8	29.1	297.7	16.1	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
844	B00R_062_050e	0.125	0.125	0.625	0.625	0.5	0.375	270	0.125	0.487	0.625	38.9	0.9	−32.6	32.6	271.7	0.125	0.125	0.625	26.2	21.7	−34.7	41.0	302.0	24.4	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
845	B00R_062_062e	0.0	0.0	0.625	0.625	0.625	0.312	270	0.0	0.453	0.625	32.5	1.2	−40.7	40.8	271.7	0.0	0.0	0.625	16.6	27.3	−41.1	49.4	303.6	30.5	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
846	Y00G_100_050e	1.0	1.0	0.5	1.0	0.5	0.75	90	1.0	0.94	0.5	91.5	−2.0	50.8	50.8	92.3	1.0	1.0	0.5	93.7	−13.8	55.6	57.3	103.9	12.8	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
847	Y00G_087_037e	0.875	0.875	0.5	0.875	0.375	0.687	90	0.875	0.83	0.5	82.1	−1.5	38.1	38.1	92.3	0.875	0.875	0.5	84.1	−10.3	42.9	44.2	103.5	10.3	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
848	Y00G_075_025e	0.75	0.75	0.5	0.75	0.25	0.625	90	0.75	0.72	0.5	72.7	−1.0	25.4	25.4	92.3	0.75	0.75	0.5	73.5	−7.7	30.9	31.9	104.0	8.7	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
849	Y00G_062_012e	0.625	0.625	0.5	0.625	0.125	0.562	90	0.625	0.61	0.5	63.4	−0.5	12.7	12.7	92.3	0.625	0.625	0.5	62.3	−4.8	19.7	20.3	103.6	8.3	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
850	NW_050e	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	54.0	0.0	0.0	0.0	0.0	0.5	0.5	0.5	51.5	−0.9	7.2	7.2	97.6	7.6	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
851	B00R_050_012e	0.375	0.375	0.5	0.5	0.125	0.437	270	0.375	0.465	0.5	47.6	0.2	−8.1	8.1	271.7	0.375	0.375	0.5	43.4	2.0	−3.4	4.0	301.1	6.5	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
852	B00R_050_025e	0.25	0.25	0.5	0.5	0.25	0.375	270	0.249	0.431	0.5	41.1	0.4	−16.3	16.3	271.7	0.25	0.25	0.5	33.0	8.2	−15.6	17.6	297.7	11.2	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
853	B00R_050_037e	0.125	0.125	0.5	0.5	0.375	0.312	270	0.124	0.397	0.5	34.6	0.7	−24.4	24.4	271.7	0.125	0.125	0.5	24.1	14.3	−25.2	29.0	299.6	17.2	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
854	B00R_050_050e	0.0	0.0	0.5	0.5	0.5	0.25	270	0.0	0.362	0.5	28.2	0.9	−32.6	32.6	271.7	0.0	0.0	0.5	15.4	20.1	−31.9	37.7	302.2	23.0	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
855	Y00G_100_062e	1.0	1.0	0.375	1.0	0.625	0.687	90	1.0	0.925	0.375	90.1	−2.5	63.5	63.5	92.3	1.0	1.0	0.375	93.4	−15.4	69.8	71.5	102.4	14.6	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
856	Y00G_087_050e	0.875	0.875	0.375	0.875	0.5	0.625	90	0.875	0.815	0.375	80.7	−2.0	50.8	50.8	92.3	0.875	0.875	0.375	83.7	−12.4	56.7	58.1	102.3	12.3	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
857	Y00G_075_037e	0.75	0.75	0.375	0.75	0.375	0.562	90	0.75	0.705	0.375	71.4	−1.5	38.1	38.1	92.3	0.75	0.75	0.375	73.1	−10.0	44.0	45.1	102.8	10.4	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
858	Y00G_062_025e	0.625	0.625	0.375	0.625	0.25	0.5	90	0.625	0.595	0.375	62.0	−1.0	25.4	25.4	92.3	0.625	0.625	0.375	61.7	−7.5	32.8	33.7	102.8	9.8	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
859	Y00G_050_012e	0.5	0.5	0.375	0.5	0.125	0.437	90	0.5	0.485	0.375	52.6	−0.5	12.7	12.7	92.3	0.5	0.5	0.375	50.9	−4.6	21.4	21.9	102.1	9.8	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
860	NW_037e	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	43.3	0.0	0.0	0.0	0.0	0.375	0.375	0.375	39.8	−0.9	7.7	7.8	96.8	8.5	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
861	B00R_037_012e	0.25	0.25	0.375	0.375	0.125	0.312	270	0.249	0.34	0.375	36.8	0.2	−8.1	8.1	271.7	0.25	0.25	0.375	31.4	2.4	−4.3	5.0	299.5	6.9	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
862	B00R_037_025e	0.125	0.125	0.375	0.375	0.25	0.25	270	0.124	0.306	0.375	30.4	0.4	−16.3	16.3	271.7	0.125	0.125	0.375	22.2	8.8	−16.0	18.3	298.8	11.6	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
863	B00R_037_037e	0.0	0.0	0.375	0.375	0.375	0.187	270	0.0	0.272	0.375	23.9	0.7	−24.4	24.4	271.7	0.0	0.0	0.375	15.0	13.6	−23.1	26.8	300.5	15.6	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
864	Y00G_100_075e	1.0	1.0	0.25	1.0	0.75	0.625	90	1.0	0.91	0.25	88.7	−3.0	76.2	76.2	92.3	1.0	1.0	0.25	92.7	−16.0	84.8	86.3	100.7	16.0	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
865	Y00G_087_062e	0.875	0.875	0.25	0.875	0.625	0.562	90	0.875	0.8	0.25	79.4	−2.5	63.5	63.5	92.3	0.875	0.875	0.25	82.9	−13.7	70.0	71.4	101.1	13.4	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
866	Y00G_075_050e	0.75	0.75	0.25	0.75	0.5	0.5	90	0.75	0.69	0.25	70.0	−2.0	50.8	50.8	92.3	0.75	0.75	0.25	72.3	−11.4	56.4	57.6	101.4	11.1	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
867	Y00G_062_037e	0.625	0.625	0.25	0.625	0.375	0.437	90	0.625	0.58	0.25	60.6	−1.5	38.1	38.1	92.3	0.625	0.625	0.25	61.0	−9.2	45.0	46.0	101.5	10.4	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
868	Y00G_050_025e	0.5	0.5	0.25	0.5	0.25	0.375	90	0.5	0.47	0.249	51.3	−1.0	25.4	25.4	92.3	0.5	0.5	0.25	50.0	−6.8	34.2	34.8	101.3	10.6	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
869	Y00G_037_012e	0.375	0.375	0.25	0.375	0.125	0.312	90	0.375	0.36	0.249	41.9	−0.5	12.7	12.7	92.3	0.375	0.375	0.25	39.1	−4.1	22.2	22.5	100.6	10.5	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
870	NW_025e	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	32.5	0.0	0.0	0.0	0.0	0.25	0.25	0.25	28.4	−0.5	6.8	6.8	94.3	8.0	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
871	B00R_025_012e	0.125	0.125	0.25	0.25	0.125	0.187	270	0.124	0.215	0.25	26.1	0.2	−8.1	8.1	271.7	0.125	0.125	0.25	20.2	3.8	−6.9	7.9	298.9	6.9	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
872	B00R_025_025e	0.0	0.0	0.25	0.25	0.25	0.125	270	0.0	0.181	0.25	19.6	0.4	−16.3	16.3	271.7	0.0	0.0	0.25	14.3	7.9	−14.5	16.6	298.6	9.3	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
873	Y00G_100_087e	1.0	1.0	0.125	1.0	0.875	0.562	90	1.0	0.895	0.125	87.4	−3.5	88.9	89.0	92.3	1.0	1.0	0.125	91.9	−15.8	97.5	98.8	99.2	15.6	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
874	Y00G_087_075e	0.875	0.875	0.125	0.875	0.75	0.5	90	0.875	0.785	0.125	78.0	−3.0	76.2	76.2	92.3	0.875	0.875	0.125	82.2	−13.9	82.1	83.3	99.6	13.1	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
875	Y00G_075_062e	0.75	0.75	0.125	0.75	0.625	0.437	90	0.75	0.675	0.125	68.6	−2.5	63.5	63.5	92.3	0.75	0.75	0.125	71.6	−11.8	68.1	69.1	99.8	10.7	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
876	Y00G_062_050e	0.625	0.625	0.125	0.625	0.5	0.375	90	0.625	0.565	0.125	59.3	−2.0	50.8	50.8	92.3	0.625	0.625	0.125	60.4	−9.9	56.1	56.9	100.0	9.5	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
877	Y00G_050_037e	0.5	0.5	0.125	0.5	0.375	0.312	90	0.5	0.455	0.124	49.9	−1.5	38.1	38.1	92.3	0.5	0.5	0.125	49.5	−7.8	44.1	44.8	100.1	8.7	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
878	Y00G_037_025e	0.375	0.375	0.125	0.375	0.25	0.25	90	0.375	0.345	0.124	40.5	−1.0	25.4	25.4	92.3	0.375	0.375	0.125	38.8	−5.6	32.0	32.5	100.0	8.3	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
879	Y00G_025_012e	0.25	0.25	0.125	0.25	0.125	0.187	90	0.25	0.235	0.124	31.2	−0.5	12.7	12.7	92.3	0.25	0.25	0.125	28.7	−3.5	19.7	20.0	100.3	8.0	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
880	NW_012e	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	21.8	0.0	0.0	0.0	0.0	0.125	0.125	0.125	17.6	−0.3	3.8	3.8	95.3	5.7	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
881	B00R_012_012e	0.0	0.0	0.125	0.125	0.125	0.062	270	0.0	0.09	0.125	15.4	0.2	−8.1	8.1	271.7	0.0	0.0	0.125	12.6	3.1	−6.1	6.8	297.4	4.4	225	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
882	Y00G_100_100e	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3	1.0	1.0	0.0	91.0	−14.1	108.1	109.1	97.4	12.9	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
883	Y00G_087_087e	0.875	0.875	0.0	0.875	0.875	0.437	90	0.875	0.77	0.0	76.6	−3.5	88.9	89.0	92.3	0.875	0.875	0.0	81.3	−12.8	93.2	94.1	97.8	11.2	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
884	Y00G_075_075e	0.75	0.75	0.0	0.75	0.75	0.375	90	0.75	0.66	0.0	67.3	−3.0	76.2	76.2	92.3	0.75	0.75	0.0	70.8	−11.2	78.0	78.8	98.1	9.0	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
885	Y00G_062_062e	0.625	0.625	0.0	0.625	0.625	0.312	90	0.625	0.55	0.0	57.9	−2.5	63.5	63.5	92.3	0.625	0.625	0.0	59.6	−9.4	64.3	65.0	98.3	7.1	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
886	Y00G_050_050e	0.5	0.5	0.0	0.5	0.5	0.25	90	0.5	0.44	0.0	48.5	−2.0	50.8	50.8	92.3	0.5	0.5	0.0	48.7	−7.6	51.0	51.5	98.5	5.5	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
887	Y00G_037_037e	0.375	0.375	0.0	0.375	0.375	0.187	90	0.375	0.33	0.0	39.2	−1.5	38.1	38.1	92.3	0.375	0.375	0.0	39.0	−5.9	38.3	38.7	98.8	4.4	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
888	Y00G_025_025e	0.25	0.25	0.0	0.25	0.25	0.125	90	0.25	0.22	0.0	29.8	−1.0	25.4	25.4	92.3	0.25	0.25	0.0	29.2	−4.0	25.0	25.4	99.1	3.0	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
889	Y00G_012_012e	0.125	0.125	0.0	0.125	0.125	0.062	90	0.125	0.11	0.0	20.4	−0.5	12.7	12.7	92.3	0.125	0.125	0.0	18.7	−1.8	11.0	11.2	99.6	2.7	83	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
890	NW_000e	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.6	0.0	0.0	0.0	29.3	0.4	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0

Mean color difference of this page: delta $E^{*'}$ = **14.1**

1−0131830−F0

ZE150−7N, Page 19/38−F

see similar files: http://farbe.li.tu-berlin.de/ZE15/ZE15.HTM
http://130.149.60.45/~farbmetrik or http://farbe.li.tu-berlin.de

TUB registration: 20160101-ZE15/ZE15L0NP.PDF /.PS
application for measurement of photo printer output, separation rgb (CMYK)
TUB material: code=rha4ta

n	HIC*$_{Fe}$	rgb$_{Fe}$			ict$_{Fe}$			$h_{si\_F,e}$	rgb*$_{Fe}$			LabCh*$_{Fe}$					rgb*'$_{Fe}$			LabCh*'$_{Fe}$					DE*'$_{Fe}$	$h_{siM,e}$	rgb*$_{Me}$			LabCh*$_{Me}$				
891	NW_100$_e$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.9	−0.1	0.4	0.5	110.3	0.5	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
892	B50R_100_012$_e$	1.0	0.875	1.0	1.0	0.125	0.937	330	0.939	0.875	1.0	89.2	8.1	−4.9	9.5	328.6	1.0	0.875	1.0	91.9	10.5	−5.4	11.8	332.5	3.6	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
893	B50R_100_025$_e$	1.0	0.75	1.0	1.0	0.25	0.875	330	0.878	0.75	1.0	81.5	16.2	−9.9	19.0	328.6	1.0	0.75	1.0	86.5	21.4	−10.6	23.9	333.5	7.2	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
894	B50R_100_037$_e$	1.0	0.625	1.0	1.0	0.375	0.812	330	0.817	0.625	1.0	73.8	24.4	−14.9	28.6	328.6	1.0	0.625	1.0	80.4	33.1	−15.9	36.7	334.3	10.9	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
895	B50R_100_050$_e$	1.0	0.5	1.0	1.0	0.5	0.75	330	0.756	0.5	1.0	66.1	32.5	−19.8	38.1	328.6	1.0	0.5	1.0	74.8	44.0	−19.7	48.2	335.9	14.4	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
896	B50R_100_062$_e$	1.0	0.375	1.0	1.0	0.625	0.687	330	0.695	0.375	1.0	58.3	40.7	−24.8	47.7	328.6	1.0	0.375	1.0	69.4	55.0	−21.8	59.2	338.3	18.3	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
897	B50R_100_075$_e$	1.0	0.25	1.0	1.0	0.75	0.625	330	0.634	0.25	1.0	50.6	48.8	−29.8	57.2	328.6	1.0	0.25	1.0	62.7	68.3	−23.3	72.2	341.1	23.7	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
898	B50R_100_087$_e$	1.0	0.125	1.0	1.0	0.875	0.562	330	0.573	0.125	1.0	42.9	57.0	−34.8	66.8	328.6	1.0	0.125	1.0	55.4	79.4	−20.6	82.0	345.4	29.2	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
899	B50R_100_100$_e$	1.0	0.0	1.0	1.0	1.0	0.5	330	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6	1.0	0.0	1.0	50.5	81.8	−11.5	82.6	351.9	36.1	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
900	G00B_100_012$_e$	0.875	1.0	0.875	1.0	0.125	0.937	150	0.875	1.0	0.882	90.6	−9.7	3.1	10.2	162.2	0.875	1.0	0.875	91.7	−11.2	6.8	13.1	148.7	4.1	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
901	NW_087$_e$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.2	0.0	0.0	0.0	0.0	0.875	0.875	0.875	86.8	−0.3	3.1	3.1	97.0	3.1	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
902	B50R_087_012$_e$	0.875	0.75	0.875	0.875	0.125	0.812	330	0.814	0.75	0.875	78.5	8.1	−4.9	9.5	328.6	0.875	0.75	0.875	82.9	8.0	−1.5	8.1	348.9	5.5	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
903	B50R_087_025$_e$	0.875	0.625	0.875	0.875	0.25	0.75	330	0.753	0.625	0.875	70.8	16.2	−9.9	19.0	328.6	0.875	0.625	0.875	78.2	17.9	−6.2	18.9	340.7	8.4	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
904	B50R_087_037$_e$	0.875	0.5	0.875	0.875	0.375	0.687	330	0.692	0.5	0.875	63.0	24.4	−14.9	28.6	328.6	0.875	0.5	0.875	72.6	29.9	−11.2	31.9	339.4	11.6	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
905	B50R_087_050$_e$	0.875	0.375	0.875	0.875	0.5	0.625	330	0.631	0.375	0.875	55.3	32.5	−19.8	38.1	328.6	0.875	0.375	0.875	66.4	42.3	−15.3	45.1	340.0	15.4	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
906	B50R_087_062$_e$	0.875	0.25	0.875	0.875	0.625	0.562	330	0.57	0.25	0.875	47.6	40.7	−24.8	47.7	328.6	0.875	0.25	0.875	59.9	55.0	−18.5	58.1	341.3	19.9	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
907	B50R_087_075$_e$	0.875	0.125	0.875	0.875	0.75	0.5	330	0.509	0.125	0.875	39.9	48.8	−29.8	57.2	328.6	0.875	0.125	0.875	52.9	66.9	−18.1	69.3	344.8	25.1	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
908	B50R_087_087$_e$	0.875	0.0	0.875	0.875	0.875	0.437	330	0.448	0.0	0.875	32.1	57.0	−34.8	66.8	328.6	0.875	0.0	0.875	46.8	73.3	−11.9	74.2	350.7	31.6	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
909	G00B_100_025$_e$	0.75	1.0	0.75	1.0	0.25	0.875	150	0.75	1.0	0.765	84.2	−19.5	6.2	20.4	162.2	0.75	1.0	0.75	86.0	−23.3	12.7	26.5	151.3	7.7	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
910	G00B_087_012$_e$	0.75	0.875	0.75	0.875	0.125	0.812	150	0.75	0.875	0.757	79.8	−9.7	3.1	10.2	162.2	0.75	0.875	0.75	82.2	−10.7	9.8	14.5	137.6	7.1	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
911	NW_075$_e$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	75.5	0.0	0.0	0.0	0.0	0.75	0.75	0.75	75.2	−0.6	4.9	4.9	96.9	4.9	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
912	B50R_075_012$_e$	0.75	0.625	0.75	0.75	0.125	0.687	330	0.689	0.625	0.75	67.8	8.1	−4.9	9.5	328.6	0.75	0.625	0.75	71.4	7.1	0.6	7.1	4.8	6.7	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
913	B50R_075_025$_e$	0.75	0.5	0.75	0.75	0.25	0.625	330	0.628	0.5	0.75	60.0	16.2	−9.9	19.0	328.6	0.75	0.5	0.75	66.8	17.0	−4.1	17.5	346.4	8.9	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
914	B50R_075_037$_e$	0.75	0.375	0.75	0.75	0.375	0.562	330	0.567	0.375	0.75	52.3	24.4	−14.9	28.6	328.6	0.75	0.375	0.75	61.0	28.8	−8.9	30.1	342.6	11.3	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
915	B50R_075_050$_e$	0.75	0.25	0.75	0.75	0.5	0.5	330	0.506	0.25	0.75	44.6	32.5	−19.8	38.1	328.6	0.75	0.25	0.75	54.9	41.7	−12.9	43.6	342.8	15.4	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
916	B50R_075_062$_e$	0.75	0.125	0.75	0.75	0.625	0.437	330	0.445	0.125	0.75	36.9	40.7	−24.8	47.7	328.6	0.75	0.125	0.75	47.9	55.2	−14.8	57.1	344.9	20.7	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
917	B50R_075_075$_e$	0.75	0.0	0.75	0.75	0.75	0.375	330	0.384	0.0	0.75	29.1	48.8	−29.8	57.2	328.6	0.75	0.0	0.75	41.6	63.4	−11.0	64.4	350.1	26.8	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
918	G00B_100_037$_e$	0.625	1.0	0.625	1.0	0.375	0.812	150	0.625	1.0	0.648	77.8	−29.2	9.3	30.7	162.2	0.625	1.0	0.625	80.0	−36.3	18.4	40.7	153.1	11.6	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
919	G00B_087_025$_e$	0.625	0.875	0.625	0.875	0.25	0.75	150	0.625	0.875	0.64	73.4	−19.5	6.2	20.4	162.2	0.625	0.875	0.625	77.0	−22.8	15.8	27.7	145.3	10.7	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
920	G00B_075_012$_e$	0.625	0.75	0.625	0.75	0.125	0.687	150	0.625	0.75	0.632	69.1	−9.7	3.1	10.2	162.2	0.625	0.75	0.625	70.8	−10.9	11.7	16.0	133.0	8.8	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
921	NW_062$_e$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	64.7	0.0	0.0	0.0	0.0	0.625	0.625	0.625	63.0	−0.8	6.3	6.4	97.3	6.6	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
922	B50R_062_012$_e$	0.625	0.5	0.625	0.625	0.125	0.562	330	0.564	0.5	0.625	57.0	8.1	−4.9	9.5	328.6	0.625	0.5	0.625	59.4	6.9	2.1	7.3	17.0	7.5	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
923	B50R_062_025$_e$	0.625	0.375	0.625	0.625	0.25	0.5	330	0.503	0.375	0.625	49.3	16.2	−9.9	19.0	328.6	0.625	0.375	0.625	54.2	17.3	−2.7	17.5	351.0	8.7	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
924	B50R_062_037$_e$	0.625	0.25	0.625	0.625	0.375	0.437	330	0.442	0.25	0.625	41.6	24.4	−14.9	28.6	328.6	0.625	0.25	0.625	48.4	29.4	−7.4	30.3	345.8	11.2	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
925	B50R_062_050$_e$	0.625	0.125	0.625	0.625	0.5	0.375	330	0.381	0.125	0.625	33.8	32.5	−19.8	38.1	328.6	0.625	0.125	0.625	42.0	43.1	−11.2	44.5	345.4	15.8	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
926	B50R_062_062$_e$	0.625	0.0	0.625	0.625	0.625	0.312	330	0.32	0.0	0.625	26.1	40.7	−24.8	47.7	328.6	0.625	0.0	0.625	35.8	52.7	−9.3	53.5	349.9	21.8	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
927	G00B_100_050$_e$	0.5	1.0	0.5	1.0	0.5	0.75	150	0.5	1.0	0.531	71.4	−39.0	12.5	40.9	162.2	0.5	1.0	0.5	73.6	−50.8	25.1	56.7	153.6	17.4	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
928	G00B_087_037$_e$	0.5	0.875	0.5	0.875	0.375	0.687	150	0.5	0.875	0.523	67.0	−29.2	9.3	30.7	162.2	0.5	0.875	0.5	70.6	−37.5	20.4	42.7	151.3	14.3	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
929	G00B_075_025$_e$	0.5	0.75	0.5	0.75	0.25	0.625	150	0.5	0.75	0.515	62.7	−19.5	6.2	20.4	162.2	0.5	0.75	0.5	65.3	−23.9	16.7	29.1	145.0	11.6	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
930	G00B_062_012$_e$	0.5	0.625	0.5	0.625	0.125	0.562	150	0.5	0.625	0.507	58.4	−9.7	3.1	10.2	162.2	0.5	0.625	0.5	58.7	−11.1	13.1	17.2	130.3	10.1	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
931	NW_050$_e$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	54.0	0.0	0.0	0.0	0.0	0.5	0.5	0.5	51.6	−0.9	7.1	7.2	97.5	7.6	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
932	B50R_050_012$_e$	0.5	0.375	0.5	0.5	0.125	0.437	330	0.439	0.375	0.5	46.3	8.1	−4.9	9.5	328.6	0.5	0.375	0.5	47.7	7.6	2.5	8.0	18.4	7.6	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
933	B50R_050_025$_e$	0.5	0.25	0.5	0.5	0.25	0.375	330	0.378	0.249	0.5	38.6	16.2	−9.9	19.0	328.6	0.5	0.25	0.5	41.9	18.7	−2.3	18.9	352.7	8.6	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
934	B50R_050_037$_e$	0.5	0.125	0.5	0.5	0.375	0.312	330	0.317	0.124	0.5	30.8	24.4	−14.9	28.6	328.6	0.5	0.125	0.5	36.2	31.1	−6.9	31.8	347.3	11.6	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
935	B50R_050_050$_e$	0.5	0.0	0.5	0.5	0.5	0.25	330	0.256	0.0	0.5	23.1	32.5	−19.8	38.1	328.6	0.5	0.0	0.5	30.2	42.0	−7.8	42.8	349.3	16.8	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
936	G00B_100_062$_e$	0.375	1.0	0.375	1.0	0.625	0.687	150	0.375	1.0	0.413	65.0	−48.7	15.6	51.2	162.2	0.375	1.0	0.375	67.0	−63.9	30.2	70.7	154.6	21.1	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
937	G00B_087_050$_e$	0.375	0.875	0.375	0.875	0.5	0.625	150	0.375	0.875	0.406	60.7	−39.0	12.5	40.9	162.2	0.375	0.875	0.375	64.1	−52.0	25.6	57.9	153.7	18.7	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
938	G00B_075_037$_e$	0.375	0.75	0.375	0.75	0.375	0.562	150	0.375	0.75	0.398	56.3	−29.2	9.3	30.7	162.2	0.375	0.75	0.375	59.4	−37.7	20.7	43.0	151.2	14.5	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
939	G00B_062_025$_e$	0.375	0.625	0.375	0.625	0.25	0.5	150	0.375	0.625	0.39	52.0	−19.5	6.2	20.4	162.2	0.375	0.625	0.375	53.1	−24.3	17.8	30.2	143.7	12.6	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
940	G00B_050_012$_e$	0.375	0.5	0.375	0.5	0.125	0.437	150	0.375	0.5	0.382	47.6	−9.7	3.1	10.2	162.2	0.375	0.5	0.375	47.0	−11.9	14.2	18.6	130.0	11.3	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
941	NW_037$_e$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	43.3	0.0	0.0	0.0	0.0	0.375	0.375	0.375	40.0	−0.8	7.7	7.7	96.5	8.4	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
942	B50R_037_012$_e$	0.375	0.25	0.375	0.375	0.125	0.312	330	0.314	0.249	0.375	35.6	8.1	−4.9	9.5	328.6	0.375	0.25	0.375	35.6	8.4	2.8	8.9	18.9	7.8	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
943	B50R_037_025$_e$	0.375	0.125	0.375	0.375	0.25	0.25	330	0.253	0.124	0.375	27.8	16.2	−9.9	19.0	328.6	0.375	0.125	0.375	30.2	20.2	−2.6	20.4	352.5	8.6	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
944	B50R_037_037$_e$	0.375	0.0	0.375	0.375	0.375	0.187	330	0.192	0.0	0.375	20.1	24.4	−14.9	28.6	328.6	0.375	0.0	0.375	25.4	30.8	−5.7	31.4	349.4	12.4	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
945	G00B_100_075$_e$	0.25	1.0	0.25	1.0	0.75	0.625	150	0.25	1.0	0.296	58.6	−58.5	18.7	61.4	162.2	0.25	1.0	0.25	58.3	−74.1	32.3	80.8	156.4	20.6	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
946	G00B_087_062$_e$	0.25	0.875	0.25	0.875	0.625	0.562	150	0.25	0.875	0.288	54.3	−48.7	15.6	51.2	162.2	0.25	0.875	0.25	56.9	−62.6	28.1	68.7	155.8	18.9	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
947	G00B_075_050$_e$	0.25	0.75	0.25	0.75	0.5	0.5	150	0.25	0.75	0.281	49.9	−39.0	12.5	40.9	162.2	0.25	0.75	0.25	52.3	−50.8	23.6	56.1	155.0	16.4	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
948	G00B_062_037$_e$	0.25	0.625	0.25	0.625	0.375	0.437	150	0.25	0.625	0.273	45.6	−29.2	9.3	30.7	162.2	0.25	0.625	0.25	46.6	−37.8	20.3	42.9	151.7	13.9	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
949	G00B_050_025$_e$	0.25	0.5	0.25	0.5	0.25	0.375	150	0.249	0.5	0.265	41.2	−19.5	6.2	20.4	162.2	0.25	0.5	0.25	40.9	−25.2	16.7	30.2	146.4	11.9	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
950	G00B_037_012$_e$	0.25	0.375	0.25	0.375	0.125	0.312	150	0.249	0.375	0.257	36.9	−9.7	3.1	10.2	162.2	0.25	0.375	0.25	35.4	−12.7	14.0	18.9	132.1	11.4	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
951	NW_025$_e$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	32.5	0.0	0.0	0.0	0.0	0.25	0.25	0.25	28.6	−0.5	7.0	7.0	94.2	8.1	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
952	B50R_025_012$_e$	0.25	0.125	0.25	0.25	0.125	0.187	330	0.189	0.124	0.25	24.8	8.1	−4.9	9.5	328.6	0.25	0.125	0.25	24.5	9.7	1.2	9.7	7.0	6.3	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
953	B50R_025_025$_e$	0.25	0.0	0.25	0.25	0.25	0.125	330	0.128	0.0	0.25	17.1	16.2	−9.9	19.0	328.6	0.25	0.0	0.25	20.7	19.5	−2.8	19.7	351.7	8.6	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
954	G00B_100_087$_e$	0.125	1.0	0.125	1.0	0.875	0.562	150	0.125	1.0	0.179	52.2	−68.2	21.8	71.7	162.2	0.125	1.0	0.125	51.4	−77.7	33.0	84.4	156.9	14.6	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
955	G00B_087_075$_e$	0.125	0.875	0.125	0.875	0.75	0.5	150	0.125	0.875	0.171	47.9	−58.5	18.7	61.4	162.2	0.125	0.875	0.125	49.5	−69.8	27.5	75.0	158.4	14.4	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
956	G00B_075_062$_e$	0.125	0.75	0.125	0.75	0.625	0.437	150	0.125	0.75	0.163	43.5	−48.7	15.6	51.2	162.2	0.125	0.75	0.125	45.3	−59.7	24.5	64.6	157.6	14.2	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
957	G00B_062_050$_e$	0.125	0.625	0.125	0.625	0.5	0.375	150	0.125	0.625	0.156	39.2	−39.0	12.5	40.9	162.2	0.125	0.625	0.125	39.7	−48.9	21.1	53.3	156.6	13.1	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
958	G00B_050_037$_e$	0.125	0.5	0.125	0.5	0.375	0.312	150	0.124	0.5	0.148	34.8	−29.2	9.3	30.7	162.2	0.125	0.5	0.125	34.3	−37.2	17.4	41.1	154.8	11.4	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
959	G00B_037_025$_e$	0.125	0.375	0.125	0.375	0.25	0.25	150	0.124	0.375	0.14	30.5	−19.5	6.2	20.4	162.2	0.125	0.375	0.125	29.4	−25.4	13.7	28.9	151.5	9.6	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
960	G00B_025_012$_e$	0.125	0.25	0.125	0.25	0.125	0.187	150	0.124	0.25	0.132	26.2	−9.7	3.1	10.2	162.2	0.125	0.25	0.125	24.5	−13.3	10.4	16.9	141.9	8.2	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
961	NW_012$_e$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	21.8	0.0	0.0	0.0	0.0	0.125	0.125	0.125	18.1	−0.3	3.9	3.9	94.5	5.4	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
962	B50R_012_012$_e$	0.125	0.0	0.125	0.125	0.125	0.062	330	0.064	0.0	0.125	14.1	8.1	−4.9	9.5	328.6	0.125	0.0	0.125	15.8	7.8	0.0	7.8	0.1	5.2	300	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6
963	G00B_100_100$_e$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2	0.0	1.0	0.0	44.3	−78.0	30.0	83.6	158.9	5.2	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
964	G00B_087_087$_e$	0.0	0.875	0.0	0.875	0.875	0.437	150	0.0	0.875	0.054	41.5	−68.2	21.8	71.7	162.2	0.0	0.875	0.0	42.5	−70.9	26.7	75.8	159.3	5.6	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
965	G00B_075_075$_e$	0.0	0.75	0.0	0.75	0.75	0.375	150	0.0	0.75	0.046	37.1	−58.5	18.7	61.4	162.2	0.0	0.75	0.0	38.7	−61.3	22.6	65.4	159.7	5.0	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
966	G00B_062_062$_e$	0.0	0.625	0.0	0.625	0.625	0.312	150	0.0	0.625	0.038	32.8	−48.7	15.6	51.2	162.2	0.0	0.625	0.0	33.8	−51.7	19.7	55.4	159.1	5.1	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
967	G00B_050_050$_e$	0.0	0.5	0.0	0.5	0.5	0.25	150	0.0	0.5	0.031	28.5	−39.0	12.5	40.9	162.2	0.0	0.5	0.0	28.8	−42.5	15.8	45.4	159.5	4.8	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
968	G00B_037_037$_e$	0.0	0.375	0.0	0.375	0.375	0.187	150	0.0	0.375	0.023	24.1	−29.2	9.3	30.7	162.2	0.0	0.375	0.0	24.0	−32.9	12.2	35.1	159.5	4.6	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
969	G00B_025_025$_e$	0.0	0.25	0.0	0.25	0.25	0.125	150	0.0	0.25	0.015	19.8	−19.5	6.2	20.4	162.2	0.0	0.25	0.0	19.8	−21.9	7.9	23.3	160.0	2.9	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
970	G00B_012_012$_e$	0.0	0.125	0.0	0.125	0.125	0.062	150	0.0	0.125	0.007	15.4	−9.7	3.1	10.2	162.2	0.0	0.125	0.0	15.3	−9.2	4.0	10.1	156.3	1.0	153	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
971	NW_000$_e$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.8	0.0	0.0	0.0	87.2	0.3	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0

Mean color difference of this page: delta $E^{*\prime}$ = 11.7

1-0131930-F0

ZE150−7N, Page 20/38−F

see similar files: http://farbe.li.tu-berlin.de/ZE15/ZE15.HTM
http://130.149.60.45/~farbmetrik or http://farbe.li.tu-berlin.de

TUB registration: 20160101-ZE15/ZE15L0NP.PDF /.PS
application for measurement of photo printer output, separation rgb (CMYK)
TUB material: code=rha4ta

n	HIC*$_{Fe}$	rgb_$_{Fe}$			ict_$_{Fe}$			$h_{si\_F,e}$	rgb*$_{Fe}$			LabCh*$_{Fe}$					rgb*'$_{Fe}$			LabCh*'$_{Fe}$					DE*'$_{Fe}$	$h_{siM,e}$	rgb*$_{Me}$			LabCh*$_{Me}$				
972	NW_000$_e$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.7	−0.1	0.1	0.1	130.6	0.4	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
973	NW_012$_e$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	21.8	0.0	0.0	0.0	0.0	0.125	0.125	0.125	17.6	−0.4	3.8	3.8	96.3	5.7	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
974	NW_025$_e$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	32.5	0.0	0.0	0.0	0.0	0.25	0.25	0.25	28.3	−0.6	6.8	6.8	95.2	8.0	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
975	NW_037$_e$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	43.3	0.0	0.0	0.0	0.0	0.375	0.375	0.375	39.5	−0.9	7.7	7.7	97.2	8.6	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
976	NW_050$_e$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	54.0	0.0	0.0	0.0	0.0	0.5	0.5	0.5	51.8	−0.9	6.9	7.0	98.1	7.3	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
977	NW_062$_e$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	64.7	0.0	0.0	0.0	0.0	0.625	0.625	0.625	63.3	−0.8	6.2	6.3	97.9	6.5	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
978	NW_075$_e$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	75.5	0.0	0.0	0.0	0.0	0.75	0.75	0.75	75.5	−0.6	4.8	4.8	97.4	4.8	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
979	NW_087$_e$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.2	0.0	0.0	0.0	0.0	0.875	0.875	0.875	87.0	−0.4	2.9	2.9	97.8	3.0	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
980	NW_100$_e$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0	1.0	1.0	1.0	97.1	0.0	0.0	0.0	264.8	0.1	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
981	NW_000$_e$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.6	−0.1	0.1	0.1	125.7	0.4	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
982	NW_012$_e$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	21.8	0.0	0.0	0.0	0.0	0.125	0.125	0.125	17.5	−0.4	3.8	3.8	96.1	5.7	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
983	NW_025$_e$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	32.5	0.0	0.0	0.0	0.0	0.25	0.25	0.25	28.3	−0.5	6.8	6.8	95.0	8.0	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
984	NW_037$_e$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	43.3	0.0	0.0	0.0	0.0	0.375	0.375	0.375	39.5	−0.9	7.6	7.7	97.4	8.5	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
985	NW_050$_e$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	54.0	0.0	0.0	0.0	0.0	0.5	0.5	0.5	51.9	−1.0	7.0	7.0	98.2	7.3	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
986	NW_062$_e$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	64.7	0.0	0.0	0.0	0.0	0.625	0.625	0.625	63.5	−0.8	6.2	6.3	97.8	6.4	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
987	NW_075$_e$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	75.5	0.0	0.0	0.0	0.0	0.75	0.75	0.75	75.5	−0.6	4.8	4.8	97.2	4.8	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
988	NW_087$_e$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.2	0.0	0.0	0.0	0.0	0.875	0.875	0.875	87.0	−0.4	2.8	2.9	98.0	3.0	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
989	NW_100$_e$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0	1.0	1.0	1.0	97.1	0.0	0.0	0.0	191.9	0.1	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
990	NW_000$_e$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.8	0.0	0.0	0.0	241.0	0.2	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
991	NW_012$_e$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	21.8	0.0	0.0	0.0	0.0	0.125	0.125	0.125	17.4	−0.3	3.7	3.7	95.9	5.8	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
992	NW_025$_e$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	32.5	0.0	0.0	0.0	0.0	0.25	0.25	0.25	28.3	−0.6	6.7	6.8	95.2	8.0	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
993	NW_037$_e$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	43.3	0.0	0.0	0.0	0.0	0.375	0.375	0.375	39.5	−0.9	7.6	7.6	97.2	8.5	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
994	NW_050$_e$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	54.0	0.0	0.0	0.0	0.0	0.5	0.5	0.5	52.0	−0.9	6.9	7.0	98.0	7.3	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
995	NW_062$_e$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	64.7	0.0	0.0	0.0	0.0	0.625	0.625	0.625	63.6	−0.8	6.2	6.2	97.7	6.3	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
996	NW_075$_e$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	75.5	0.0	0.0	0.0	0.0	0.75	0.75	0.75	75.5	−0.6	4.7	4.8	97.4	4.8	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
997	NW_087$_e$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.2	0.0	0.0	0.0	0.0	0.875	0.875	0.875	87.0	−0.4	2.9	2.9	97.8	3.0	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
998	NW_100$_e$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0	1.0	1.0	1.0	97.1	0.0	0.0	0.0	243.6	0.1	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
999	NW_000$_e$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.7	0.0	0.0	0.0	126.3	0.4	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1000	NW_012$_e$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	21.8	0.0	0.0	0.0	0.0	0.125	0.125	0.125	17.5	−0.4	3.7	3.8	96.5	5.7	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1001	NW_025$_e$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	32.5	0.0	0.0	0.0	0.0	0.25	0.25	0.25	28.5	−0.5	6.7	6.7	95.0	7.8	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1002	NW_037$_e$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	43.3	0.0	0.0	0.0	0.0	0.375	0.375	0.375	39.6	−0.9	7.5	7.6	97.1	8.4	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1003	NW_050$_e$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	54.0	0.0	0.0	0.0	0.0	0.5	0.5	0.5	51.7	−0.9	7.0	7.1	97.8	7.5	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1004	NW_062$_e$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	64.7	0.0	0.0	0.0	0.0	0.625	0.625	0.625	63.5	−0.8	6.2	6.3	97.7	6.4	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1005	NW_075$_e$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	75.5	0.0	0.0	0.0	0.0	0.75	0.75	0.75	75.4	−0.6	4.8	4.8	97.2	4.8	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1006	NW_087$_e$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.2	0.0	0.0	0.0	0.0	0.875	0.875	0.875	87.0	−0.3	2.9	3.0	97.4	3.1	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1007	NW_100$_e$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0	1.0	1.0	1.0	97.1	0.0	0.0	0.0	86.4	0.1	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1008	NW_000$_e$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.5	0.0	0.0	0.0	262.3	0.5	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1009	NW_006$_e$	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	16.7	0.0	0.0	0.0	0.0	0.066	0.066	0.066	13.5	−0.1	1.8	1.8	94.0	3.7	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1010	NW_013$_e$	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	22.5	0.0	0.0	0.0	0.0	0.133	0.133	0.133	18.2	−0.3	3.9	3.9	95.2	5.7	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1011	NW_020$_e$	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	28.3	0.0	0.0	0.0	0.0	0.2	0.2	0.2	23.6	−0.4	5.6	5.6	94.8	7.3	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1012	NW_026$_e$	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	33.9	0.0	0.0	0.0	0.0	0.266	0.266	0.266	29.9	−0.5	7.0	7.0	94.7	8.1	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1013	NW_033$_e$	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	39.7	0.0	0.0	0.0	0.0	0.333	0.333	0.333	35.6	−0.8	7.6	7.6	95.9	8.7	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1014	NW_040$_e$	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	45.4	0.0	0.0	0.0	0.0	0.4	0.4	0.4	41.6	−0.8	7.5	7.6	96.6	8.5	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1015	NW_046$_e$	0.466	0.466	0.466	0.466	0.0	0.466	360	0.466	0.466	0.466	51.1	0.0	0.0	0.0	0.0	0.466	0.466	0.466	48.1	−0.9	7.4	7.5	96.9	8.0	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1016	NW_053$_e$	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	56.8	0.0	0.0	0.0	0.0	0.533	0.533	0.533	54.4	−0.9	6.7	6.8	98.1	7.2	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1017	NW_060$_e$	0.6	0.6	0.6	0.6	0.0	0.6	360	0.6	0.6	0.6	62.6	0.0	0.0	0.0	0.0	0.6	0.6	0.6	61.0	−0.9	6.5	6.6	98.1	6.8	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1018	NW_066$_e$	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	68.3	0.0	0.0	0.0	0.0	0.666	0.666	0.666	67.6	−0.8	5.8	5.9	97.8	5.9	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1019	NW_073$_e$	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	74.1	0.0	0.0	0.0	0.0	0.734	0.734	0.734	74.1	−0.6	5.0	5.0	97.5	5.0	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1020	NW_080$_e$	0.8	0.8	0.8	0.8	0.0	0.8	360	0.8	0.8	0.8	79.8	0.0	0.0	0.0	0.0	0.8	0.8	0.8	80.2	−0.5	4.2	4.2	97.1	4.2	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1021	NW_086$_e$	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	85.4	0.0	0.0	0.0	0.0	0.866	0.866	0.866	86.2	−0.4	3.1	3.1	97.3	3.2	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1022	NW_093$_e$	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	91.2	0.0	0.0	0.0	0.0	0.933	0.933	0.933	91.9	−0.2	1.6	1.6	99.8	1.7	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1023	NW_100$_e$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0	1.0	1.0	1.0	97.1	0.0	−0.1	0.1	281.1	0.1	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1024	NW_000$_e$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.8	0.0	−0.1	0.1	254.5	0.3	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1025	NW_006$_e$	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	16.7	0.0	0.0	0.0	0.0	0.066	0.066	0.066	13.6	−0.1	1.8	1.8	95.5	3.6	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1026	NW_013$_e$	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	22.5	0.0	0.0	0.0	0.0	0.133	0.133	0.133	18.0	−0.3	4.0	4.0	95.1	6.0	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1027	NW_020$_e$	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	28.3	0.0	0.0	0.0	0.0	0.2	0.2	0.2	23.6	−0.4	5.6	5.7	94.4	7.3	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1028	NW_026$_e$	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	33.9	0.0	0.0	0.0	0.0	0.266	0.266	0.266	30.0	−0.5	7.0	7.0	94.6	8.1	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1029	NW_033$_e$	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	39.7	0.0	0.0	0.0	0.0	0.333	0.333	0.333	36.0	−0.8	7.6	7.6	96.0	8.5	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1030	NW_040$_e$	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	45.4	0.0	0.0	0.0	0.0	0.4	0.4	0.4	41.6	−0.8	7.5	7.6	96.7	8.5	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1031	NW_046$_e$	0.466	0.466	0.466	0.466	0.0	0.466	360	0.466	0.466	0.466	51.1	0.0	0.0	0.0	0.0	0.466	0.466	0.466	48.4	−0.9	7.3	7.4	97.2	7.9	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1032	NW_053$_e$	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	56.8	0.0	0.0	0.0	0.0	0.533	0.533	0.533	54.4	−0.9	6.7	6.8	98.1	7.2	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1033	NW_060$_e$	0.6	0.6	0.6	0.6	0.0	0.6	360	0.6	0.6	0.6	62.6	0.0	0.0	0.0	0.0	0.6	0.6	0.6	61.1	−0.9	6.5	6.5	97.8	6.7	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1034	NW_066$_e$	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	68.3	0.0	0.0	0.0	0.0	0.666	0.666	0.666	67.7	−0.7	5.8	5.8	97.6	5.8	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1035	NW_073$_e$	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	74.1	0.0	0.0	0.0	0.0	0.734	0.734	0.734	74.0	−0.6	4.9	4.9	97.3	4.9	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1036	NW_080$_e$	0.8	0.8	0.8	0.8	0.0	0.8	360	0.8	0.8	0.8	79.8	0.0	0.0	0.0	0.0	0.8	0.8	0.8	80.1	−0.4	4.0	4.0	97.0	4.0	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1037	NW_086$_e$	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	85.4	0.0	0.0	0.0	0.0	0.866	0.866	0.866	86.3	−0.3	3.0	3.0	97.2	3.1	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1038	NW_093$_e$	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	91.2	0.0	0.0	0.0	0.0	0.933	0.933	0.933	92.0	−0.2	1.6	1.6	99.1	1.8	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1039	NW_100$_e$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0	1.0	1.0	1.0	97.2	0.0	0.0	0.0	68.5	0.2	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1040	NW_000$_e$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.6	0.0	0.0	0.0	244.9	0.5	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1041	NW_006$_e$	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	16.7	0.0	0.0	0.0	0.0	0.066	0.066	0.066	13.6	−0.1	1.7	1.7	93.6	3.6	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1042	NW_013$_e$	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	22.5	0.0	0.0	0.0	0.0	0.133	0.133	0.133	17.9	−0.3	3.8	3.9	95.4	6.0	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1043	NW_020$_e$	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	28.3	0.0	0.0	0.0	0.0	0.2	0.2	0.2	23.4	−0.4	5.6	5.7	94.8	7.4	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1044	NW_026$_e$	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	33.9	0.0	0.0	0.0	0.0	0.266	0.266	0.266	29.9	−0.5	7.1	7.1	94.6	8.2	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1045	NW_033$_e$	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	39.7	0.0	0.0	0.0	0.0	0.333	0.333	0.333	35.5	−0.7	7.7	7.7	95.9	8.7	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1046	NW_040$_e$	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	45.4	0.0	0.0	0.0	0.0	0.4	0.4	0.4	41.5	−0.8	7.6	7.6	96.3	8.6	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1047	NW_046$_e$	0.466	0.466	0.466	0.466	0.0	0.466	360	0.466	0.466	0.466	51.1	0.0	0.0	0.0	0.0	0.466	0.466	0.466	48.5	−0.8	7.3	7.4	96.9	7.8	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1048	NW_053$_e$	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	56.8	0.0	0.0	0.0	0.0	0.533	0.533	0.533	54.7	−0.9	6.8	6.8	98.0	7.2	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1049	NW_060$_e$	0.6	0.6	0.6	0.6	0.0	0.6	360	0.6	0.6	0.6	62.6	0.0	0.0	0.0	0.0	0.6	0.6	0.6	61.3	−0.8	6.4	6.5	97.7	6.6	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1050	NW_066$_e$	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	68.3	0.0	0.0	0.0	0.0	0.666	0.666	0.666	67.7	−0.7	5.8	5.9	97.3	5.9	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1051	NW_073$_e$	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	74.1	0.0	0.0	0.0	0.0	0.734	0.734	0.734	74.1	−0.6	5.0	5.0	96.9	5.0	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1052	NW_080$_e$	0.8	0.8	0.8	0.8	0.0	0.8	360	0.8	0.8	0.8	79.8	0.0	0.0	0.0	0.0	0.8	0.8	0.8	80.2	−0.5	4.2	4.3	96.7	4.3	360	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0

Mean color difference of this page: **delta $E^{*\prime}$ = 5.2**

see similar files: http://farbe.li.tu-berlin.de/ZE15/ZE15.HTM
http://130.149.60.45/~farbmetrik or http://farbe.li.tu-berlin.de

TUB registration: 20160101-ZE15/ZE15L0NP.PDF /.PS
application for measurement of photo printer output, separation rgb (CMYK)
TUB material: code=rha4ta

TUB-test chart ZE15; test chart G of CIE R8-09:2015
colors and differences, $\Delta E^{*\prime}$, 3D=0, de=1, *RGB*

input: *rgb/cmyk* −> *rgb*$_e$
output: transfer to *rgb*$_e$

n	HIC*$_{Fe}$	*rgb*$_{\_Fe}$			*ict*$_{\_Fe}$			$h_{si\_F,e}$
1053	NW_086$_e$	0.866	0.866	0.866	0.866	0.0	0.866	360
1054	NW_093$_e$	0.933	0.933	0.933	0.933	0.0	0.933	360
1055	NW_100$_e$	1.0	1.0	1.0	1.0	0.0	1.0	360
1056	NW_000$_e$	0.0	0.0	0.0	0.0	0.0	0.0	360
1057	NW_006$_e$	0.066	0.066	0.066	0.066	0.0	0.066	360
1058	NW_013$_e$	0.133	0.133	0.133	0.133	0.0	0.133	360
1059	NW_020$_e$	0.2	0.2	0.2	0.2	0.0	0.2	360
1060	NW_026$_e$	0.266	0.266	0.266	0.266	0.0	0.266	360
1061	NW_033$_e$	0.333	0.333	0.333	0.333	0.0	0.333	360
1062	NW_040$_e$	0.4	0.4	0.4	0.4	0.0	0.4	360
1063	NW_046$_e$	0.466	0.466	0.466	0.466	0.0	0.466	360
1064	NW_053$_e$	0.533	0.533	0.533	0.533	0.0	0.533	360
1065	NW_060$_e$	0.6	0.6	0.6	0.6	0.0	0.6	360
1066	NW_066$_e$	0.666	0.666	0.666	0.666	0.0	0.666	360
1067	NW_073$_e$	0.734	0.734	0.734	0.734	0.0	0.734	360
1068	NW_080$_e$	0.8	0.8	0.8	0.8	0.0	0.8	360
1069	NW_086$_e$	0.866	0.866	0.866	0.866	0.0	0.866	360
1070	NW_093$_e$	0.933	0.933	0.933	0.933	0.0	0.933	360
1071	NW_100$_e$	1.0	1.0	1.0	1.0	0.0	1.0	360
1072	NW_000$_e$	0.0	0.0	0.0	0.0	0.0	0.0	360
1073	NW_100$_e$	1.0	1.0	1.0	1.0	0.0	1.0	360
1074	R00Y_100_100$_e$	1.0	0.0	0.0	1.0	1.0	0.5	390
1075	G50B_100_100$_e$	0.0	1.0	1.0	1.0	1.0	0.5	210
1076	Y00G_100_100$_e$	1.0	1.0	0.0	1.0	1.0	0.5	90
1077	B00R_100_100$_e$	0.0	0.0	1.0	1.0	1.0	0.5	270
1078	G00B_100_100$_e$	0.0	1.0	0.0	1.0	1.0	0.5	150
1079	B50R_100_100$_e$	1.0	0.0	1.0	1.0	1.0	0.5	330

n	*rgb**$_{Fe}$			*LabCh**$_{Fe}$				
1053	0.866	0.866	0.866	85.4	0.0	0.0	0.0	0.0
1054	0.933	0.933	0.933	91.2	0.0	0.0	0.0	0.0
1055	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1056	0.0	0.0	0.0	11.1	0.0	0.0	0.0	0.0
1057	0.066	0.066	0.066	16.7	0.0	0.0	0.0	0.0
1058	0.133	0.133	0.133	22.5	0.0	0.0	0.0	0.0
1059	0.2	0.2	0.2	28.3	0.0	0.0	0.0	0.0
1060	0.266	0.266	0.266	33.9	0.0	0.0	0.0	0.0
1061	0.333	0.333	0.333	39.7	0.0	0.0	0.0	0.0
1062	0.4	0.4	0.4	45.4	0.0	0.0	0.0	0.0
1063	0.466	0.466	0.466	51.1	0.0	0.0	0.0	0.0
1064	0.533	0.533	0.533	56.8	0.0	0.0	0.0	0.0
1065	0.6	0.6	0.6	62.6	0.0	0.0	0.0	0.0
1066	0.666	0.666	0.666	68.3	0.0	0.0	0.0	0.0
1067	0.734	0.734	0.734	74.1	0.0	0.0	0.0	0.0
1068	0.8	0.8	0.8	79.8	0.0	0.0	0.0	0.0
1069	0.866	0.866	0.866	85.4	0.0	0.0	0.0	0.0
1070	0.933	0.933	0.933	91.2	0.0	0.0	0.0	0.0
1071	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1072	0.0	0.0	0.0	11.1	0.0	0.0	0.0	0.0
1073	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1074	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
1075	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9
1076	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
1077	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
1078	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
1079	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6

n	*rgb**'$_{Fe}$			*LabCh**'$_{Fe}$					*DE**'$_{Fe}$	$h_{siM,e}$
1053	0.866	0.866	0.866	86.3	−0.3	3.1	3.2	96.2	3.3	360
1054	0.933	0.933	0.933	92.0	−0.2	1.7	1.7	98.3	1.9	360
1055	1.0	1.0	1.0	97.2	0.0	0.0	0.0	67.9	0.2	360
1056	0.0	0.0	0.0	11.1	0.0	−0.2	0.2	276.5	0.2	360
1057	0.066	0.066	0.066	14.1	−0.1	1.7	1.7	94.3	3.1	360
1058	0.133	0.133	0.133	18.0	−0.3	3.9	3.9	94.9	5.9	360
1059	0.2	0.2	0.2	23.7	−0.5	5.6	5.6	95.1	7.2	360
1060	0.266	0.266	0.266	29.9	−0.5	7.0	7.0	94.8	8.0	360
1061	0.333	0.333	0.333	36.1	−0.7	7.6	7.7	95.7	8.4	360
1062	0.4	0.4	0.4	41.8	−0.8	7.6	7.6	96.4	8.4	360
1063	0.466	0.466	0.466	48.6	−0.8	7.4	7.5	96.6	7.9	360
1064	0.533	0.533	0.533	54.7	−0.9	6.9	6.9	97.8	7.3	360
1065	0.6	0.6	0.6	61.4	−0.8	6.5	6.6	97.6	6.7	360
1066	0.666	0.666	0.666	67.9	−0.7	5.9	6.0	97.3	6.0	360
1067	0.734	0.734	0.734	74.0	−0.6	5.1	5.2	97.3	5.2	360
1068	0.8	0.8	0.8	80.2	−0.4	4.2	4.2	96.3	4.2	360
1069	0.866	0.866	0.866	86.3	−0.3	3.2	3.2	95.9	3.3	360
1070	0.933	0.933	0.933	91.9	−0.2	1.6	1.7	97.4	1.8	360
1071	1.0	1.0	1.0	97.2	0.0	0.2	0.2	93.2	0.3	360
1072	0.0	0.0	0.0	10.8	0.0	0.3	0.3	93.9	0.4	360
1073	1.0	1.0	1.0	97.2	0.0	0.0	0.0	213.2	0.2	360
1074	1.0	0.0	0.0	49.5	69.0	54.0	87.6	38.0	19.9	371
1075	0.0	1.0	1.0	53.5	−17.2	−59.0	61.5	253.7	37.3	192
1076	1.0	1.0	0.0	91.0	−14.2	108.0	108.9	97.5	12.9	83
1077	0.0	0.0	1.0	19.0	49.8	−66.3	82.9	306.9	54.6	225
1078	0.0	1.0	0.0	44.6	−78.0	30.9	83.9	158.3	6.0	153
1079	1.0	0.0	1.0	50.8	81.5	−11.6	82.3	351.8	36.1	300
	Mean color difference of this page:							**delta *E**' =**	***9.5***	

n	*rgb**$_{Me}$			*LabCh**$_{Me}$				
1053	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1054	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1055	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1056	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1057	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1058	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1059	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1060	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1061	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1062	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1063	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1064	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1065	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1066	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1067	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1068	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1069	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1070	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1071	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1072	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1073	1.0	1.0	1.0	96.9	0.0	0.0	0.0	0.0
1074	1.0	0.0	0.323	49.9	72.0	34.3	79.7	25.4
1075	0.0	1.0	0.689	51.2	−43.7	−32.9	54.8	216.9
1076	1.0	0.88	0.0	86.0	−4.1	101.6	101.7	92.3
1077	0.0	0.725	1.0	45.3	1.9	−65.2	65.2	271.7
1078	0.0	1.0	0.062	45.8	−78.0	25.0	81.9	162.2
1079	0.512	0.0	1.0	35.2	65.1	−39.7	76.3	328.6

see similar files: http://farbe.li.tu-berlin.de/ZE15/ZE15.HTM
http://130.149.60.45/~farbmetrik or http://farbe.li.tu-berlin.de

TUB registration: 20160101-ZE15/ZE15L0NP.PDF /.PS
application for measurement of photo printer output, separation rgb (CMYK)
TUB material: code=rha4ta

TUB-test chart ZE15; test chart G of CIE R8-09:2015
colors and differences, $\Delta E^{*\prime}$, 3D=0, de=1, *RGB*

input: *rgb/cmyk* −> rgb_e
output: transfer to rgb_e

n/j	*rgb*$_{Fe}$*1000			*rgb*$_{Fe}$*1000			*rgb'*$_{Fe}$*			*cmyn'*$_{6,sep,Fe}$*1000			
0/648	1000	0	0	1000	0	323	1000	0	0	0	1000	676	0 #
1/657	1000	125	0	1000	0	135	1000	125	0	0	1000	864	0 #
2/666	1000	250	0	1000	59	0	1000	250	0	0	940	1000	0 #
3/675	1000	375	0	1000	196	0	1000	375	0	0	803	1000	0 #
4/684	1000	500	0	1000	317	0	1000	500	0	0	682	1000	0 #
5/693	1000	625	0	1000	449	0	1000	625	0	0	550	1000	0 #
6/702	1000	750	0	1000	595	0	1000	750	0	0	404	1000	0 #
7/711	1000	875	0	1000	726	0	1000	875	0	0	273	1000	0 #
8/720	1000	1000	0	1000	880	0	1000	1000	0	0	119	1000	0 #
9/639	875	1000	0	914	1000	0	875	1000	0	85	0	1000	0 #
10/558	750	1000	0	744	1000	0	750	1000	0	255	0	1000	0 #
11/477	625	1000	0	592	1000	0	625	1000	0	407	0	1000	0 #
12/396	500	1000	0	451	1000	0	500	1000	0	548	0	1000	0 #
13/315	375	1000	0	318	1000	0	375	1000	0	681	0	1000	0 #
14/234	250	1000	0	196	1000	0	250	1000	0	803	0	1000	0 #
15/153	125	1000	0	81	1000	0	125	1000	0	918	0	1000	0 #
16/72	0	1000	0	0	1000	62	0	1000	0	1000	0	937	0 #
17/73	0	1000	125	0	1000	164	0	1000	125	1000	0	835	0 #
18/74	0	1000	250	0	1000	256	0	1000	250	1000	0	743	0 #
19/75	0	1000	375	0	1000	355	0	1000	375	1000	0	644	0 #
20/76	0	1000	500	0	1000	438	0	1000	500	1000	0	561	0 #
21/77	0	1000	625	0	1000	514	0	1000	625	1000	0	485	0 #
22/78	0	1000	750	0	1000	580	0	1000	750	1000	0	419	0 #
23/79	0	1000	875	0	1000	637	0	1000	875	1000	0	362	0 #
24/80	0	1000	1000	0	1000	689	0	1000	1000	1000	0	310	0 #
25/71	0	875	1000	0	1000	742	0	875	1000	1000	0	257	0 #
26/62	0	750	1000	0	1000	794	0	750	1000	1000	0	205	0 #
27/53	0	625	1000	0	1000	854	0	625	1000	1000	0	145	0 #
28/44	0	500	1000	0	1000	917	0	500	1000	1000	0	82	0 #
29/35	0	375	1000	0	1000	981	0	375	1000	1000	0	18	0 #
30/26	0	250	1000	0	922	1000	0	250	1000	1000	77	0	0 #
31/17	0	125	1000	0	824	1000	0	125	1000	1000	175	0	0 #
32/8	0	0	1000	0	725	1000	0	0	1000	1000	274	0	0 #
33/89	125	0	1000	0	625	1000	125	0	1000	1000	374	0	0 #
34/170	250	0	1000	0	503	1000	250	0	1000	1000	496	0	0 #
35/251	375	0	1000	0	353	1000	375	0	1000	1000	646	0	0 #
36/332	500	0	1000	0	194	1000	500	0	1000	1000	805	0	0 #
37/413	625	0	1000	21	0	1000	625	0	1000	978	1000	0	0 #
38/494	750	0	1000	207	0	1000	750	0	1000	792	1000	0	0 #
39/575	875	0	1000	370	0	1000	875	0	1000	629	1000	0	0 #
40/656	1000	0	1000	512	0	1000	1000	0	1000	487	1000	0	0 #
41/655	1000	0	875	647	0	1000	1000	0	875	352	1000	0	0 #
42/654	1000	0	750	780	0	1000	1000	0	750	219	1000	0	0 #
43/653	1000	0	625	946	0	1000	1000	0	625	53	1000	0	0 #
44/652	1000	0	500	1000	0	992	1000	0	500	0	1000	7	0 #
45/651	1000	0	375	1000	0	811	1000	0	375	0	1000	188	0 #
46/650	1000	0	250	1000	0	639	1000	0	250	0	1000	360	0 #
47/649	1000	0	125	1000	0	489	1000	0	125	0	1000	510	0 #
48/648	1000	0	0	1000	0	323	1000	0	0	0	1000	676	0 #
49/0	0	0	0	0	0	0	0	0	0	0	0	0	1000 #
50/91	125	125	125	125	125	125	125	125	125	0	0	0	875 #
51/182	250	250	250	250	250	250	250	250	250	0	0	0	750 #
52/273	375	375	375	375	375	375	375	375	375	0	0	0	625 #
53/364	500	500	500	500	500	500	500	500	500	0	0	0	500 #
54/455	625	625	625	625	625	625	625	625	625	0	0	0	375 #
55/546	750	750	750	750	750	750	750	750	750	0	0	0	250 #
56/637	875	875	875	875	875	875	875	875	875	0	0	0	125 #
57/728	1000	1000	1000	1000	1000	1000	1000	1000	1000	0	0	0	0 #

n/j	*rgb*$_{Fe*1000}$			*rgb*$_{Fe*1000}$*			*rgb'*$_{Fe}$*			*cmyn'*$_{6,sep,Fe*1000}$*			
0/648	1000	0	0	1000	0	323	1000	0	0	0	1000	676	0 #
1/666	1000	250	0	1000	59	0	1000	250	0	0	940	1000	0 #
2/684	1000	500	0	1000	317	0	1000	500	0	0	682	1000	0 #
3/702	1000	750	0	1000	595	0	1000	750	0	0	404	1000	0 #
4/720	1000	1000	0	1000	880	0	1000	1000	0	0	119	1000	0 #
5/558	750	1000	0	744	1000	0	750	1000	0	255	0	1000	0 #
6/396	500	1000	0	451	1000	0	500	1000	0	548	0	1000	0 #
7/234	250	1000	0	196	1000	0	250	1000	0	803	0	1000	0 #
8/72	0	1000	0	0	1000	62	0	1000	0	1000	0	937	0 #
9/72	0	1000	0	0	1000	62	0	1000	0	1000	0	937	0 #
10/76	0	1000	500	0	1000	438	0	1000	500	1000	0	561	0 #
11/80	0	1000	1000	0	1000	689	0	1000	1000	1000	0	310	0 #
12/44	0	500	1000	0	1000	917	0	500	1000	1000	0	82	0 #
13/8	0	0	1000	0	725	1000	0	0	1000	1000	274	0	0 #
14/332	500	0	1000	0	194	1000	500	0	1000	1000	805	0	0 #
15/656	1000	0	1000	512	0	1000	1000	0	1000	487	1000	0	0 #
16/652	1000	0	500	1000	0	992	1000	0	500	0	1000	7	0 #
17/648	1000	0	0	1000	0	323	1000	0	0	0	1000	676	0 #
18/688	1000	500	500	1000	500	661	1000	500	500	0	500	338	0 #
19/706	1000	750	500	1000	658	500	1000	750	500	0	341	500	0 #
20/724	1000	1000	500	1000	940	500	1000	1000	500	0	59	500	0 #
21/562	750	1000	500	725	1000	500	750	1000	500	274	0	500	0 #
22/400	500	1000	500	500	1000	531	500	1000	500	500	0	468	0 #
23/404	500	1000	1000	500	1000	844	500	1000	1000	500	0	155	0 #
24/368	500	500	1000	500	862	1000	500	500	1000	500	137	0	0 #
25/692	1000	500	1000	756	500	1000	1000	500	1000	243	500	0	0 #
26/688	1000	500	500	1000	500	661	1000	500	500	0	500	338	0 #
27/506	750	250	250	750	250	411	750	250	250	0	645	436	250 #
28/524	750	500	250	750	408	250	750	500	250	0	440	645	250 #
29/542	750	750	250	750	690	250	750	750	250	0	76	645	250 #
30/380	500	750	250	475	750	250	500	750	250	354	0	645	250 #
31/218	250	750	250	250	750	281	250	750	250	645	0	605	250 #
32/222	250	750	750	250	750	594	250	750	750	645	0	200	250 #
33/186	250	250	750	250	612	750	250	250	750	645	176	0	250 #
34/510	750	250	750	506	250	750	750	250	750	314	645	0	250 #
35/506	750	250	250	750	250	411	750	250	250	0	645	436	250 #
36/324	500	0	0	500	0	161	500	0	0	0	867	587	500 #
37/342	500	250	0	500	158	0	500	250	0	0	592	867	500 #
38/360	500	500	0	500	440	0	500	500	0	0	103	867	500 #
39/198	250	500	0	225	500	0	250	500	0	476	0	867	500 #
40/36	0	500	0	0	500	31	0	500	0	867	0	813	500 #
41/40	0	500	500	0	500	344	0	500	500	867	0	269	500 #
42/4	0	0	500	0	362	500	0	0	500	867	237	0	500 #
43/328	500	0	500	256	0	500	500	0	500	423	867	0	500 #
44/324	500	0	0	500	0	161	500	0	0	0	867	587	500 #
45/0	0	0	0	0	0	0	0	0	0	0	0	0	1000 #
46/91	125	125	125	125	125	125	125	125	125	0	0	0	875 #
47/182	250	250	250	250	250	250	250	250	250	0	0	0	750 #
48/273	375	375	375	375	375	375	375	375	375	0	0	0	625 #
49/364	500	500	500	500	500	500	500	500	500	0	0	0	500 #
50/455	625	625	625	625	625	625	625	625	625	0	0	0	375 #
51/546	750	750	750	750	750	750	750	750	750	0	0	0	250 #
52/637	875	875	875	875	875	875	875	875	875	0	0	0	125 #
53/728	1000	1000	1000	1000	1000	1000	1000	1000	1000	0	0	0	0 #

n=j	*rgb*$_{Fe*1000}$			*rgb*$_{Fe*1000}$*			*rgb'*$_{Fe}$*			*cmyn'*$_{6,sep,Fe*1000}$*			
0	0	0	0	0	0	0	0	0	0	0	0	0	1000 #
1	0	0	125	0	90	125	0	0	125	483	132	0	875 #
2	0	0	250	0	181	250	0	0	250	686	188	0	750 #
3	0	0	375	0	272	375	0	0	375	797	218	0	625 #
4	0	0	500	0	362	500	0	0	500	867	237	0	500 #
5	0	0	625	0	453	625	0	0	625	916	251	0	375 #
6	0	0	750	0	544	750	0	0	750	951	260	0	250 #
7	0	0	875	0	635	875	0	0	875	978	268	0	125 #
8	0	0	1000	0	725	1000	0	0	1000	1000	274	0	0 #
9	0	125	0	0	125	7	0	125	0	483	0	453	875 #
10	0	125	125	0	125	86	0	125	125	483	0	150	875 #
11	0	125	250	0	250	229	0	125	250	686	0	56	750 #
12	0	125	375	0	371	375	0	125	375	797	6	0	625 #
13	0	125	500	0	461	500	0	125	500	867	67	0	500 #
14	0	125	625	0	550	625	0	125	625	916	108	0	375 #
15	0	125	750	0	639	750	0	125	750	951	139	0	250 #
16	0	125	875	0	733	875	0	125	875	978	157	0	125 #
17	0	125	1000	0	824	1000	0	125	1000	1000	175	0	0 #
18	0	250	0	0	250	15	0	250	0	686	0	643	750 #
19	0	250	125	0	250	109	0	250	125	686	0	385	750 #
20	0	250	250	0	250	172	0	250	250	686	0	212	750 #
21	0	250	375	0	375	312	0	250	375	797	0	133	625 #
22	0	250	500	0	500	458	0	250	500	867	0	71	500 #
23	0	250	625	0	625	608	0	250	625	916	0	24	375 #
24	0	250	750	0	743	750	0	250	750	951	8	0	250 #
25	0	250	875	0	831	875	0	250	875	978	48	0	125 #
26	0	250	1000	0	922	1000	0	250	1000	1000	77	0	0 #
27	0	375	0	0	375	23	0	375	0	797	0	747	625 #
28	0	375	125	0	375	119	0	375	125	797	0	543	625 #
29	0	375	250	0	375	202	0	375	250	797	0	367	625 #
30	0	375	375	0	375	258	0	375	375	797	0	247	625 #
31	0	375	500	0	500	397	0	375	500	867	0	178	500 #
32	0	375	625	0	625	539	0	375	625	916	0	126	375 #
33	0	375	750	0	750	688	0	375	750	951	0	78	250 #
34	0	375	875	0	875	837	0	375	875	978	0	41	125 #
35	0	375	1000	0	1000	981	0	375	1000	1000	0	18	0 #
36	0	500	0	0	500	31	0	500	0	867	0	813	500 #
37	0	500	125	0	500	128	0	500	125	867	0	645	500 #
38	0	500	250	0	500	219	0	500	250	867	0	487	500 #
39	0	500	375	0	500	290	0	500	375	867	0	364	500 #
40	0	500	500	0	500	344	0	500	500	867	0	269	500 #
41	0	500	625	0	625	482	0	500	625	916	0	208	375 #
42	0	500	750	0	750	624	0	500	750	951	0	159	250 #
43	0	500	875	0	875	767	0	500	875	978	0	119	125 #
44	0	500	1000	0	1000	917	0	500	1000	1000	0	82	0 #
45	0	625	0	0	625	38	0	625	0	916	0	859	375 #
46	0	625	125	0	625	135	0	625	125	916	0	717	375 #
47	0	625	250	0	625	230	0	625	250	916	0	578	375 #
48	0	625	375	0	625	316	0	625	375	916	0	452	375 #
49	0	625	500	0	625	378	0	625	500	916	0	361	375 #
50	0	625	625	0	625	431	0	625	625	916	0	284	375 #
51	0	625	750	0	750	567	0	625	750	951	0	231	250 #
52	0	625	875	0	875	708	0	625	875	978	0	186	125 #
53	0	625	1000	0	1000	854	0	625	1000	1000	0	145	0 #
54	0	750	0	0	750	46	0	750	0	951	0	892	250 #
55	0	750	125	0	750	142	0	750	125	951	0	770	250 #
56	0	750	250	0	750	238	0	750	250	951	0	648	250 #
57	0	750	375	0	750	328	0	750	375	951	0	534	250 #
58	0	750	500	0	750	404	0	750	500	951	0	438	250 #
59	0	750	625	0	750	466	0	750	625	951	0	359	250 #
60	0	750	750	0	750	517	0	750	750	951	0	295	250 #
61	0	750	875	0	875	655	0	750	875	978	0	244	125 #
62	0	750	1000	0	1000	794	0	750	1000	1000	0	205	0 #
63	0	875	0	0	875	54	0	875	0	978	0	917	125 #
64	0	875	125	0	875	155	0	875	125	978	0	805	125 #
65	0	875	250	0	875	246	0	875	250	978	0	703	125 #
66	0	875	375	0	875	340	0	875	375	978	0	597	125 #
67	0	875	500	0	875	426	0	875	500	978	0	501	125 #
68	0	875	625	0	875	493	0	875	625	978	0	426	125 #
69	0	875	750	0	875	550	0	875	750	978	0	362	125 #
70	0	875	875	0	875	603	0	875	875	978	0	303	125 #
71	0	875	1000	0	1000	742	0	875	1000	1000	0	257	0 #
72	0	1000	0	0	1000	62	0	1000	0	1000	0	937	0 #
73	0	1000	125	0	1000	164	0	1000	125	1000	0	835	0 #
74	0	1000	250	0	1000	256	0	1000	250	1000	0	743	0 #
75	0	1000	375	0	1000	355	0	1000	375	1000	0	644	0 #
76	0	1000	500	0	1000	438	0	1000	500	1000	0	561	0 #
77	0	1000	625	0	1000	514	0	1000	625	1000	0	485	0 #
78	0	1000	750	0	1000	580	0	1000	750	1000	0	419	0 #
79	0	1000	875	0	1000	637	0	1000	875	1000	0	362	0 #
80	0	1000	1000	0	1000	689	0	1000	1000	1000	0	310	0 #

n	*rgb*$_{Fe*1000}$			*rgb**$_{Fe*1000}$			*rgb'**$_{Fe}$			*cmyn'**$_{6,sep,Fe*1000}$			
81	125	0	0	125	0	40	125	0	0	0	483	327	875 #
82	125	0	125	64	0	125	125	0	125	235	483	0	875 #
83	125	0	250	0	48	250	125	0	250	686	552	0	750 #
84	125	0	375	0	153	375	125	0	375	797	470	0	625 #
85	125	0	500	0	251	500	125	0	500	867	430	0	500 #
86	125	0	625	0	347	625	125	0	625	916	407	0	375 #
87	125	0	750	0	442	750	125	0	750	951	389	0	250 #
88	125	0	875	0	532	875	125	0	875	978	383	0	125 #
89	125	0	1000	0	625	1000	125	0	1000	1000	374	0	0 #
90	125	125	0	125	110	0	125	125	0	0	57	483	875 #
91	125	125	125	125	125	125	125	125	125	0	0	0	875 #
92	125	125	250	124	215	250	125	125	250	421	115	0	750 #
93	125	125	375	124	306	375	125	125	375	576	158	0	625 #
94	125	125	500	124	397	500	125	125	500	675	185	0	500 #
95	125	125	625	125	487	625	125	125	625	746	204	0	375 #
96	125	125	750	125	578	750	125	125	750	799	219	0	250 #
97	125	125	875	125	669	875	125	125	875	841	230	0	125 #
98	125	125	1000	125	760	1000	125	125	1000	875	239	0	0 #
99	125	250	0	112	250	0	125	250	0	376	0	686	750 #
100	125	250	125	124	250	132	125	250	125	421	0	395	750 #
101	125	250	250	124	250	211	125	250	250	421	0	130	750 #
102	125	250	375	124	375	354	125	250	375	576	0	47	625 #
103	125	250	500	124	496	500	125	250	500	675	5	0	500 #
104	125	250	625	125	586	625	125	250	625	746	57	0	375 #
105	125	250	750	125	675	750	125	250	750	799	95	0	250 #
106	125	250	875	125	764	875	125	250	875	841	123	0	125 #
107	125	250	1000	125	858	1000	125	250	1000	875	141	0	0 #
108	125	375	0	101	375	0	125	375	0	580	0	797	625 #
109	125	375	125	124	375	140	125	375	125	576	0	540	625 #
110	125	375	250	124	375	234	125	375	250	576	0	323	625 #
111	125	375	375	124	375	297	125	375	375	576	0	178	625 #
112	125	375	500	124	500	437	125	375	500	675	0	113	500 #
113	125	375	625	125	625	583	125	375	625	746	0	61	375 #
114	125	375	750	125	750	733	125	375	750	799	0	21	250 #
115	125	375	875	125	868	875	125	375	875	841	7	0	125 #
116	125	375	1000	125	956	1000	125	375	1000	875	43	0	0 #
117	125	500	0	98	500	0	125	500	0	696	0	867	500 #
118	125	500	125	124	500	148	125	500	125	675	0	633	500 #
119	125	500	250	124	500	244	125	500	250	675	0	460	500 #
120	125	500	375	124	500	327	125	500	375	675	0	311	500 #
121	125	500	500	124	500	383	125	500	500	675	0	209	500 #
122	125	500	625	125	625	522	125	500	625	746	0	153	375 #
123	125	500	750	125	750	664	125	500	750	799	0	110	250 #
124	125	500	875	125	875	813	125	500	875	841	0	69	125 #
125	125	500	1000	125	1000	962	125	500	1000	875	0	37	0 #
126	125	625	0	95	625	0	125	625	0	776	0	916	375 #
127	125	625	125	125	625	156	125	625	125	746	0	700	375 #
128	125	625	250	125	625	253	125	625	250	746	0	554	375 #
129	125	625	375	125	625	344	125	625	375	746	0	419	375 #
130	125	625	500	125	625	415	125	625	500	746	0	313	375 #
131	125	625	625	125	625	469	125	625	625	746	0	231	375 #
132	125	625	750	125	750	607	125	625	750	799	0	182	250 #
133	125	625	875	125	875	749	125	625	875	841	0	141	125 #
134	125	625	1000	125	1000	892	125	625	1000	875	0	107	0 #
135	125	750	0	92	750	0	125	750	0	834	0	951	250 #
136	125	750	125	125	750	163	125	750	125	799	0	750	250 #
137	125	750	250	125	750	260	125	750	250	799	0	626	250 #
138	125	750	375	125	750	355	125	750	375	799	0	505	250 #
139	125	750	500	125	750	441	125	750	500	799	0	395	250 #
140	125	750	625	125	750	503	125	750	625	799	0	315	250 #
141	125	750	750	125	750	556	125	750	750	799	0	248	250 #
142	125	750	875	125	875	692	125	750	875	841	0	204	125 #
143	125	750	1000	125	1000	833	125	750	1000	875	0	166	0 #
144	125	875	0	89	875	0	125	875	0	878	0	978	125 #
145	125	875	125	125	875	171	125	875	125	841	0	789	125 #
146	125	875	250	125	875	267	125	875	250	841	0	681	125 #
147	125	875	375	125	875	363	125	875	375	841	0	573	125 #
148	125	875	500	125	875	453	125	875	500	841	0	472	125 #
149	125	875	625	125	875	529	125	875	625	841	0	387	125 #
150	125	875	750	125	875	591	125	875	750	841	0	318	125 #
151	125	875	875	125	875	642	125	875	875	841	0	261	125 #
152	125	875	1000	125	1000	780	125	875	1000	875	0	219	0 #
153	125	1000	0	81	1000	0	125	1000	0	918	0	1000	0 #
154	125	1000	125	125	1000	179	125	1000	125	875	0	820	0 #
155	125	1000	250	125	1000	280	125	1000	250	875	0	719	0 #
156	125	1000	375	125	1000	371	125	1000	375	875	0	628	0 #
157	125	1000	500	125	1000	465	125	1000	500	875	0	534	0 #
158	125	1000	625	125	1000	551	125	1000	625	875	0	448	0 #
159	125	1000	750	125	1000	618	125	1000	750	875	0	381	0 #
160	125	1000	875	125	1000	675	125	1000	875	875	0	324	0 #
161	125	1000	1000	125	1000	728	125	1000	1000	875	0	271	0 #

n	*rgb*_Fe*1000			*rgb**Fe*1000			*rgb'**Fe			*cmyn'**6,sep,Fe*1000			
162	250	0	0	250	0	80	250	0	0	0	686	464	750 #
163	250	0	125	250	0	248	250	0	125	0	686	4	750 #
164	250	0	250	128	0	250	250	0	250	334	686	0	750 #
165	250	0	375	33	0	375	250	0	375	725	797	0	625 #
166	250	0	500	0	97	500	250	0	500	867	698	0	500 #
167	250	0	625	0	209	625	250	0	625	916	609	0	375 #
168	250	0	750	0	306	750	250	0	750	951	562	0	250 #
169	250	0	875	0	407	875	250	0	875	978	522	0	125 #
170	250	0	1000	0	503	1000	250	0	1000	1000	496	0	0 #
171	250	125	0	250	79	0	250	125	0	0	468	686	750 #
172	250	125	125	250	124	165	250	125	125	0	421	285	750 #
173	250	125	250	189	124	250	250	125	250	205	421	0	750 #
174	250	125	375	124	173	375	250	125	375	576	464	0	625 #
175	250	125	500	124	278	500	250	125	500	675	399	0	500 #
176	250	125	625	125	376	625	250	125	625	746	370	0	375 #
177	250	125	750	125	472	750	250	125	750	799	355	0	250 #
178	250	125	875	125	567	875	250	125	875	841	344	0	125 #
179	250	125	1000	125	657	1000	250	125	1000	875	342	0	0 #
180	250	250	0	250	220	0	250	250	0	0	81	686	750 #
181	250	250	125	250	235	124	250	250	125	0	50	421	750 #
182	250	250	250	250	250	250	250	250	250	0	0	0	750 #
183	250	250	375	249	340	375	250	250	375	310	85	0	625 #
184	250	250	500	249	431	500	250	250	500	466	127	0	500 #
185	250	250	625	250	522	625	250	250	625	569	156	0	375 #
186	250	250	750	250	612	750	250	250	750	645	176	0	250 #
187	250	250	875	250	703	875	250	250	875	703	192	0	125 #
188	250	250	1000	250	794	1000	250	250	1000	750	205	0	0 #
189	250	375	0	242	375	0	250	375	0	280	0	797	625 #
190	250	375	125	237	375	124	250	375	125	316	0	576	625 #
191	250	375	250	249	375	257	250	375	250	310	0	291	625 #
192	250	375	375	249	375	336	250	375	375	310	0	96	625 #
193	250	375	500	249	500	479	250	375	500	466	0	38	500 #
194	250	375	625	250	621	625	250	375	625	569	4	0	375 #
195	250	375	750	250	711	750	250	375	750	645	50	0	250 #
196	250	375	875	250	800	875	250	375	875	703	83	0	125 #
197	250	375	1000	250	889	1000	250	375	1000	750	110	0	0 #
198	250	500	0	225	500	0	250	500	0	476	0	867	500 #
199	250	500	125	226	500	124	250	500	125	492	0	675	500 #
200	250	500	250	249	500	265	250	500	250	466	0	437	500 #
201	250	500	375	249	500	359	250	500	375	466	0	262	500 #
202	250	500	500	249	500	422	250	500	500	466	0	144	500 #
203	250	500	625	250	625	562	250	500	625	569	0	95	375 #
204	250	500	750	250	750	708	250	500	750	645	0	53	250 #
205	250	500	875	250	875	858	250	500	875	703	0	18	125 #
206	250	500	1000	250	993	1000	250	500	1000	750	6	0	0 #
207	250	625	0	208	625	0	250	625	0	610	0	916	375 #
208	250	625	125	223	625	125	250	625	125	599	0	746	375 #
209	250	625	250	250	625	273	250	625	250	569	0	534	375 #
210	250	625	375	250	625	369	250	625	375	569	0	388	375 #
211	250	625	500	250	625	452	250	625	500	569	0	262	375 #
212	250	625	625	250	625	508	250	625	625	569	0	176	375 #
213	250	625	750	250	750	647	250	625	750	645	0	132	250 #
214	250	625	875	250	875	789	250	625	875	703	0	96	125 #
215	250	625	1000	250	1000	938	250	625	1000	750	0	61	0 #
216	250	750	0	203	750	0	250	750	0	693	0	951	250 #
217	250	750	125	220	750	125	250	750	125	677	0	799	250 #
218	250	750	250	250	750	281	250	750	250	645	0	605	250 #
219	250	750	375	250	750	378	250	750	375	645	0	479	250 #
220	250	750	500	250	750	469	250	750	500	645	0	362	250 #
221	250	750	625	250	750	540	250	750	625	645	0	270	250 #
222	250	750	750	250	750	594	250	750	750	645	0	200	250 #
223	250	750	875	250	875	732	250	750	875	703	0	160	125 #
224	250	750	1000	250	1000	874	250	750	1000	750	0	125	0 #
225	250	875	0	197	875	0	250	875	0	757	0	978	125 #
226	250	875	125	217	875	125	250	875	125	738	0	841	125 #
227	250	875	250	250	875	288	250	875	250	703	0	659	125 #
228	250	875	375	250	875	385	250	875	375	703	0	550	125 #
229	250	875	500	250	875	480	250	875	500	703	0	444	125 #
230	250	875	625	250	875	566	250	875	625	703	0	347	125 #
231	250	875	750	250	875	628	250	875	750	703	0	277	125 #
232	250	875	875	250	875	681	250	875	875	703	0	218	125 #
233	250	875	1000	250	1000	817	250	875	1000	750	0	182	0 #
234	250	1000	0	196	1000	0	250	1000	0	803	0	1000	0 #
235	250	1000	125	214	1000	125	250	1000	125	785	0	875	0 #
236	250	1000	250	250	1000	296	250	1000	250	750	0	703	0 #
237	250	1000	375	250	1000	392	250	1000	375	750	0	607	0 #
238	250	1000	500	250	1000	488	250	1000	500	750	0	511	0 #
239	250	1000	625	250	1000	578	250	1000	625	750	0	421	0 #
240	250	1000	750	250	1000	654	250	1000	750	750	0	345	0 #
241	250	1000	875	250	1000	716	250	1000	875	750	0	283	0 #
242	250	1000	1000	250	1000	767	250	1000	1000	750	0	232	0 #

TUB-test chart ZE15; test chart G of CIE R8−09:2015
colors and differences, $\Delta E^{*\prime}$, 3D=0, de=1, *RGB*

input: *rgb/cmyk* −> rgb_e
output: transfer to rgb_e

n	*rgb*$_{Fe}$*1000			*rgb**$_{Fe}$*1000			*rgb'**$_{Fe}$			*cmyn'**$_{6,sep,Fe}$*1000			
243	375	0	0	375	0	121	375	0	0	0	797	539	625 #
244	375	0	125	375	0	278	375	0	125	0	797	204	625 #
245	375	0	250	329	0	375	375	0	250	97	797	0	625 #
246	375	0	375	192	0	375	375	0	375	388	797	0	625 #
247	375	0	500	103	0	500	375	0	500	687	867	0	500 #
248	375	0	625	0	1	625	375	0	625	916	914	0	375 #
249	375	0	750	0	145	750	375	0	750	951	766	0	250 #
250	375	0	875	0	260	875	375	0	875	978	687	0	125 #
251	375	0	1000	0	353	1000	375	0	1000	1000	646	0	0 #
252	375	125	0	375	56	0	375	125	0	0	676	797	625 #
253	375	125	125	375	124	205	375	125	125	0	576	390	625 #
254	375	125	250	375	124	373	375	125	250	0	576	4	625 #
255	375	125	375	253	124	375	375	125	375	281	576	0	625 #
256	375	125	500	158	124	500	375	125	500	614	675	0	500 #
257	375	125	625	125	222	625	375	125	625	746	601	0	375 #
258	375	125	750	125	334	750	375	125	750	799	532	0	250 #
259	375	125	875	125	431	875	375	125	875	841	497	0	125 #
260	375	125	1000	125	532	1000	375	125	1000	875	467	0	0 #
261	375	250	0	375	188	0	375	250	0	0	396	797	625 #
262	375	250	125	375	204	124	375	250	125	0	393	576	625 #
263	375	250	250	375	249	290	375	250	250	0	310	210	625 #
264	375	250	375	314	249	375	375	250	375	151	310	0	625 #
265	375	250	500	249	298	500	375	250	500	466	376	0	500 #
266	375	250	625	250	403	625	375	250	625	569	336	0	375 #
267	375	250	750	250	501	750	375	250	750	645	320	0	250 #
268	375	250	875	250	597	875	375	250	875	703	312	0	125 #
269	375	250	1000	250	692	1000	375	250	1000	750	307	0	0 #
270	375	375	0	375	330	0	375	375	0	0	94	797	625 #
271	375	375	125	375	345	124	375	375	125	0	68	576	625 #
272	375	375	250	375	360	249	375	375	250	0	37	310	625 #
273	375	375	375	375	375	375	375	375	375	0	0	0	625 #
274	375	375	500	375	465	500	375	375	500	241	66	0	500 #
275	375	375	625	375	556	625	375	375	625	386	105	0	375 #
276	375	375	750	375	647	750	375	375	750	487	133	0	250 #
277	375	375	875	375	737	875	375	375	875	564	154	0	125 #
278	375	375	1000	375	828	1000	375	375	1000	625	171	0	0 #
279	375	500	0	372	500	0	375	500	0	221	0	867	500 #
280	375	500	125	367	500	124	375	500	125	237	0	675	500 #
281	375	500	250	362	500	249	375	500	250	256	0	466	500 #
282	375	500	375	375	500	382	375	500	375	241	0	226	500 #
283	375	500	500	375	500	461	375	500	500	241	0	75	500 #
284	375	500	625	375	625	604	375	500	625	386	0	31	375 #
285	375	500	750	375	746	750	375	500	750	487	4	0	250 #
286	375	500	875	375	836	875	375	500	875	564	43	0	125 #
287	375	500	1000	375	925	1000	375	500	1000	625	74	0	0 #
288	375	625	0	359	625	0	375	625	0	389	0	916	375 #
289	375	625	125	350	625	125	375	625	125	409	0	746	375 #
290	375	625	250	351	625	250	375	625	250	415	0	569	375 #
291	375	625	375	375	625	390	375	625	375	386	0	362	375 #
292	375	625	500	375	625	484	375	625	500	386	0	217	375 #
293	375	625	625	375	625	547	375	625	625	386	0	119	375 #
294	375	625	750	375	750	687	375	625	750	487	0	81	250 #
295	375	625	875	375	875	833	375	625	875	564	0	46	125 #
296	375	625	1000	375	1000	983	375	625	1000	625	0	16	0 #
297	375	750	0	338	750	0	375	750	0	522	0	951	250 #
298	375	750	125	333	750	125	375	750	125	532	0	799	250 #
299	375	750	250	348	750	250	375	750	250	518	0	645	250 #
300	375	750	375	375	750	398	375	750	375	487	0	457	250 #
301	375	750	500	375	750	494	375	750	500	487	0	332	250 #
302	375	750	625	375	750	577	375	750	625	487	0	224	250 #
303	375	750	750	375	750	633	375	750	750	487	0	151	250 #
304	375	750	875	375	875	772	375	750	875	564	0	115	125 #
305	375	750	1000	375	1000	914	375	750	1000	625	0	85	0 #
306	375	875	0	319	875	0	375	875	0	621	0	978	125 #
307	375	875	125	328	875	125	375	875	125	613	0	841	125 #
308	375	875	250	345	875	250	375	875	250	595	0	703	125 #
309	375	875	375	375	875	406	375	875	375	564	0	529	125 #
310	375	875	500	375	875	503	375	875	500	564	0	419	125 #
311	375	875	625	375	875	594	375	875	625	564	0	317	125 #
312	375	875	750	375	875	665	375	875	750	564	0	236	125 #
313	375	875	875	375	875	719	375	875	875	564	0	175	125 #
314	375	875	1000	375	1000	857	375	875	1000	625	0	142	0 #
315	375	1000	0	318	1000	0	375	1000	0	681	0	1000	0 #
316	375	1000	125	322	1000	125	375	1000	125	677	0	875	0 #
317	375	1000	250	342	1000	250	375	1000	250	657	0	750	0 #
318	375	1000	375	375	1000	413	375	1000	375	625	0	586	0 #
319	375	1000	500	375	1000	510	375	1000	500	625	0	489	0 #
320	375	1000	625	375	1000	605	375	1000	625	625	0	394	0 #
321	375	1000	750	375	1000	691	375	1000	750	625	0	308	0 #
322	375	1000	875	375	1000	753	375	1000	875	625	0	246	0 #
323	375	1000	1000	375	1000	806	375	1000	1000	625	0	193	0 #

TUB-test chart ZE15; test chart G of CIE R8−09:2015
colors and differences, ΔE^*', 3D=0, de=1, *RGB*

input: *rgb/cmyk* −> rgb_e
output: transfer to rgb_e

n	*rgb*$_{Fe}$*1000			*rgb**$_{Fe}$*1000			*rgb'**$_{Fe}$			*cmyn'**$_{6,sep,Fe}$*1000			
324	500	0	0	500	0	161	500	0	0	0	867	587	500 #
325	500	0	125	500	0	319	500	0	125	0	867	312	500 #
326	500	0	250	500	0	496	500	0	250	0	867	6	500 #
327	500	0	375	390	0	500	500	0	375	190	867	0	500 #
328	500	0	500	256	0	500	500	0	500	423	867	0	500 #
329	500	0	625	173	0	625	500	0	625	661	916	0	375 #
330	500	0	750	67	0	750	500	0	750	865	951	0	250 #
331	500	0	875	0	56	875	500	0	875	978	915	0	125 #
332	500	0	1000	0	194	1000	500	0	1000	1000	805	0	0 #
333	500	125	0	500	29	0	500	125	0	0	815	867	500 #
334	500	125	125	500	124	246	500	125	125	0	675	457	500 #
335	500	125	250	500	124	403	500	125	250	0	675	173	500 #
336	500	125	375	454	124	500	500	125	375	82	675	0	500 #
337	500	125	500	317	124	500	500	125	500	329	675	0	500 #
338	500	125	625	228	125	625	500	125	625	591	746	0	375 #
339	500	125	750	125	126	750	500	125	750	799	798	0	250 #
340	500	125	875	125	270	875	500	125	875	841	677	0	125 #
341	500	125	1000	125	385	1000	500	125	1000	875	614	0	0 #
342	500	250	0	500	158	0	500	250	0	0	592	867	500 #
343	500	250	125	500	181	124	500	250	125	0	573	675	500 #
344	500	250	250	500	249	330	500	250	250	0	466	315	500 #
345	500	250	375	500	249	498	500	250	375	0	466	3	500 #
346	500	250	500	378	249	500	500	250	500	227	466	0	500 #
347	500	250	625	283	250	625	500	250	625	518	569	0	375 #
348	500	250	750	250	347	750	500	250	750	645	519	0	250 #
349	500	250	875	250	459	875	500	250	875	703	467	0	125 #
350	500	250	1000	250	556	1000	500	250	1000	750	443	0	0 #
351	500	375	0	500	297	0	500	375	0	0	351	867	500 #
352	500	375	125	500	313	124	500	375	125	0	335	675	500 #
353	500	375	250	500	329	249	500	375	250	0	318	466	500 #
354	500	375	375	500	375	415	500	375	375	0	241	163	500 #
355	500	375	500	439	375	500	500	375	500	117	241	0	500 #
356	500	375	625	375	423	625	500	375	625	386	311	0	375 #
357	500	375	750	375	528	750	500	375	750	487	288	0	250 #
358	500	375	875	375	626	875	500	375	875	564	280	0	125 #
359	500	375	1000	375	722	1000	500	375	1000	625	277	0	0 #
360	500	500	0	500	440	0	500	500	0	0	103	867	500 #
361	500	500	125	500	455	124	500	500	125	0	80	675	500 #
362	500	500	250	500	470	249	500	500	250	0	55	466	500 #
363	500	500	375	500	485	375	500	500	375	0	28	241	500 #
364	500	500	500	500	500	500	500	500	500	0	0	0	500 #
365	500	500	625	500	590	625	500	500	625	196	53	0	375 #
366	500	500	750	500	681	750	500	500	750	327	89	0	250 #
367	500	500	875	500	772	875	500	500	875	424	116	0	125 #
368	500	500	1000	500	862	1000	500	500	1000	500	137	0	0 #
369	500	625	0	507	625	0	500	625	0	172	0	916	375 #
370	500	625	125	497	625	125	500	625	125	190	0	746	375 #
371	500	625	250	492	625	250	500	625	250	200	0	569	375 #
372	500	625	375	487	625	375	500	625	375	212	0	386	375 #
373	500	625	500	500	625	507	500	625	500	196	0	184	375 #
374	500	625	625	500	625	586	500	625	625	196	0	61	375 #
375	500	625	750	500	750	729	500	625	750	327	0	27	250 #
376	500	625	875	500	871	875	500	625	875	424	3	0	125 #
377	500	625	1000	500	961	1000	500	625	1000	500	38	0	0 #
378	500	750	0	485	750	0	500	750	0	335	0	951	250 #
379	500	750	125	484	750	125	500	750	125	339	0	799	250 #
380	500	750	250	475	750	250	500	750	250	354	0	645	250 #
381	500	750	375	476	750	375	500	750	375	355	0	487	250 #
382	500	750	500	500	750	515	500	750	500	327	0	307	250 #
383	500	750	625	500	750	609	500	750	625	327	0	184	250 #
384	500	750	750	500	750	672	500	750	750	327	0	101	250 #
385	500	750	875	500	875	812	500	750	875	424	0	71	125 #
386	500	750	1000	500	1000	958	500	750	1000	500	0	41	0 #
387	500	875	0	472	875	0	500	875	0	450	0	978	125 #
388	500	875	125	463	875	125	500	875	125	461	0	841	125 #
389	500	875	250	458	875	250	500	875	250	468	0	703	125 #
390	500	875	375	473	875	375	500	875	375	453	0	564	125 #
391	500	875	500	500	875	523	500	875	500	424	0	398	125 #
392	500	875	625	500	875	619	500	875	625	424	0	289	125 #
393	500	875	750	500	875	702	500	875	750	424	0	195	125 #
394	500	875	875	500	875	758	500	875	875	424	0	131	125 #
395	500	875	1000	500	1000	897	500	875	1000	500	0	102	0 #
396	500	1000	0	451	1000	0	500	1000	0	548	0	1000	0 #
397	500	1000	125	444	1000	125	500	1000	125	555	0	875	0 #
398	500	1000	250	453	1000	250	500	1000	250	546	0	750	0 #
399	500	1000	375	470	1000	375	500	1000	375	529	0	625	0 #
400	500	1000	500	500	1000	531	500	1000	500	500	0	468	0 #
401	500	1000	625	500	1000	628	500	1000	625	500	0	371	0 #
402	500	1000	750	500	1000	719	500	1000	750	500	0	280	0 #
403	500	1000	875	500	1000	790	500	1000	875	500	0	209	0 #
404	500	1000	1000	500	1000	844	500	1000	1000	500	0	155	0 #

n	*rgb*_Fe*1000			*rgb**Fe*1000			*rgb'**Fe			*cmyn'**6,sep,Fe*1000			
405	625	0	0	625	0	202	625	0	0	0	916	620	375 #
406	625	0	125	625	0	359	625	0	125	0	916	388	375 #
407	625	0	250	625	0	521	625	0	250	0	916	151	375 #
408	625	0	375	605	0	625	625	0	375	28	916	0	375 #
409	625	0	500	451	0	625	625	0	500	254	916	0	375 #
410	625	0	625	320	0	625	625	0	625	446	916	0	375 #
411	625	0	750	243	0	750	625	0	750	643	951	0	250 #
412	625	0	875	140	0	875	625	0	875	821	978	0	125 #
413	625	0	1000	21	0	1000	625	0	1000	978	1000	0	0 #
414	625	125	0	625	0	0	625	125	0	0	916	915	375 #
415	625	125	125	625	125	286	625	125	125	0	746	505	375 #
416	625	125	250	625	125	444	625	125	250	0	746	269	375 #
417	625	125	375	625	125	621	625	125	375	0	746	5	375 #
418	625	125	500	515	125	625	625	125	500	164	746	0	375 #
419	625	125	625	381	125	625	625	125	625	364	746	0	375 #
420	625	125	750	298	125	750	625	125	750	577	799	0	250 #
421	625	125	875	192	125	875	625	125	875	765	841	0	125 #
422	625	125	1000	125	181	1000	625	125	1000	875	818	0	0 #
423	625	250	0	625	132	0	625	250	0	0	722	916	375 #
424	625	250	125	625	154	125	625	250	125	0	701	746	375 #
425	625	250	250	625	250	371	625	250	250	0	569	385	375 #
426	625	250	375	625	250	528	625	250	375	0	569	146	375 #
427	625	250	500	579	250	625	625	250	500	69	569	0	375 #
428	625	250	625	442	250	625	625	250	625	277	569	0	375 #
429	625	250	750	353	250	750	625	250	750	511	645	0	250 #
430	625	250	875	250	251	875	625	250	875	703	701	0	125 #
431	625	250	1000	250	395	1000	625	250	1000	750	604	0	0 #
432	625	375	0	625	269	0	625	375	0	0	520	916	375 #
433	625	375	125	625	283	125	625	375	125	0	509	746	375 #
434	625	375	250	625	306	250	625	375	250	0	483	569	375 #
435	625	375	375	625	375	455	625	375	375	0	386	261	375 #
436	625	375	500	625	375	623	625	375	500	0	386	2	375 #
437	625	375	625	503	375	625	625	375	625	188	386	0	375 #
438	625	375	750	408	375	750	625	375	750	443	487	0	250 #
439	625	375	875	375	472	875	625	375	875	564	454	0	125 #
440	625	375	1000	375	584	1000	625	375	1000	625	415	0	0 #
441	625	500	0	625	407	0	625	500	0	0	319	916	375 #
442	625	500	125	625	422	125	625	500	125	0	301	746	375 #
443	625	500	250	625	438	250	625	500	250	0	283	569	375 #
444	625	500	375	625	454	375	625	500	375	0	263	386	375 #
445	625	500	500	625	500	540	625	500	500	0	196	133	375 #
446	625	500	625	564	500	625	625	500	625	95	196	0	375 #
447	625	500	750	500	548	750	625	500	750	327	264	0	250 #
448	625	500	875	500	653	875	625	500	875	424	250	0	125 #
449	625	500	1000	500	751	1000	625	500	1000	500	248	0	0 #
450	625	625	0	625	550	0	625	625	0	0	109	916	375 #
451	625	625	125	625	565	125	625	625	125	0	88	746	375 #
452	625	625	250	625	580	250	625	625	250	0	67	569	375 #
453	625	625	375	625	595	375	625	625	375	0	46	386	375 #
454	625	625	500	625	610	500	625	625	500	0	23	196	375 #
455	625	625	625	625	625	625	625	625	625	0	0	0	375 #
456	625	625	750	625	715	750	625	625	750	165	45	0	250 #
457	625	625	875	625	806	875	625	625	875	283	77	0	125 #
458	625	625	1000	625	897	1000	625	625	1000	375	102	0	0 #
459	625	750	0	642	750	0	625	750	0	136	0	951	250 #
460	625	750	125	632	750	125	625	750	125	150	0	799	250 #
461	625	750	250	622	750	250	625	750	250	165	0	645	250 #
462	625	750	375	617	750	375	625	750	375	171	0	487	250 #
463	625	750	500	612	750	500	625	750	500	179	0	327	250 #
464	625	750	625	625	750	632	625	750	625	165	0	155	250 #
465	625	750	750	625	750	711	625	750	750	165	0	51	250 #
466	625	750	875	625	875	854	625	750	875	283	0	23	125 #
467	625	750	1000	625	996	1000	625	750	1000	375	3	0	0 #
468	625	875	0	617	875	0	625	875	0	288	0	978	125 #
469	625	875	125	610	875	125	625	875	125	296	0	841	125 #
470	625	875	250	609	875	250	625	875	250	298	0	703	125 #
471	625	875	375	600	875	375	625	875	375	309	0	564	125 #
472	625	875	500	601	875	500	625	875	500	309	0	424	125 #
473	625	875	625	625	875	640	625	875	625	283	0	266	125 #
474	625	875	750	625	875	734	625	875	750	283	0	159	125 #
475	625	875	875	625	875	797	625	875	875	283	0	88	125 #
476	625	875	1000	625	1000	937	625	875	1000	375	0	62	0 #
477	625	1000	0	592	1000	0	625	1000	0	407	0	1000	0 #
478	625	1000	125	597	1000	125	625	1000	125	402	0	875	0 #
479	625	1000	250	588	1000	250	625	1000	250	411	0	750	0 #
480	625	1000	375	583	1000	375	625	1000	375	416	0	625	0 #
481	625	1000	500	598	1000	500	625	1000	500	401	0	500	0 #
482	625	1000	625	625	1000	648	625	1000	625	375	0	351	0 #
483	625	1000	750	625	1000	744	625	1000	750	375	0	255	0 #
484	625	1000	875	625	1000	827	625	1000	875	375	0	172	0 #
485	625	1000	1000	625	1000	883	625	1000	1000	375	0	116	0 #

TUB-test chart ZE15; test chart G of CIE R8−09:2015
colors and differences, $\Delta E^{*\prime}$, 3D=0, de=1, *RGB*

input: *rgb/cmyk* −> rgb_e
output: transfer to rgb_e

n	*rgb*$_{Fe}$*1000			*rgb**$_{Fe}$*1000			*rgb'**$_{Fe}$			*cmyn'**$_{6,sep,Fe}$*1000			
486	750	0	0	750	0	242	750	0	0	0	951	644	250 #
487	750	0	125	750	0	399	750	0	125	0	951	444	250 #
488	750	0	250	750	0	557	750	0	250	0	951	244	250 #
489	750	0	375	750	0	744	750	0	375	0	951	6	250 #
490	750	0	500	658	0	750	750	0	500	115	951	0	250 #
491	750	0	625	513	0	750	750	0	625	299	951	0	250 #
492	750	0	750	384	0	750	750	0	750	464	951	0	250 #
493	750	0	875	303	0	875	750	0	875	638	978	0	125 #
494	750	0	1000	207	0	1000	750	0	1000	792	1000	0	0 #
495	750	125	0	750	0	52	750	125	0	0	951	885	250 #
496	750	125	125	750	125	327	750	125	125	0	799	541	250 #
497	750	125	250	750	125	484	750	125	250	0	799	339	250 #
498	750	125	375	750	125	646	750	125	375	0	799	132	250 #
499	750	125	500	730	125	750	750	125	500	24	799	0	250 #
500	750	125	625	576	125	750	750	125	625	221	799	0	250 #
501	750	125	750	445	125	750	750	125	750	390	799	0	250 #
502	750	125	875	368	125	875	750	125	875	568	841	0	125 #
503	750	125	1000	265	125	1000	750	125	1000	734	875	0	0 #
504	750	250	0	750	113	0	750	250	0	0	807	951	250 #
505	750	250	125	750	125	125	750	250	125	0	799	799	250 #
506	750	250	250	750	250	411	750	250	250	0	645	436	250 #
507	750	250	375	750	250	569	750	250	375	0	645	232	250 #
508	750	250	500	750	250	746	750	250	500	0	645	4	250 #
509	750	250	625	640	250	750	750	250	625	141	645	0	250 #
510	750	250	750	506	250	750	750	250	750	314	645	0	250 #
511	750	250	875	423	250	875	750	250	875	507	703	0	125 #
512	750	250	1000	317	250	1000	750	250	1000	682	750	0	0 #
513	750	375	0	750	237	0	750	375	0	0	649	951	250 #
514	750	375	125	750	257	125	750	375	125	0	630	799	250 #
515	750	375	250	750	279	250	750	375	250	0	606	645	250 #
516	750	375	375	750	375	496	750	375	375	0	487	330	250 #
517	750	375	500	750	375	653	750	375	500	0	487	125	250 #
518	750	375	625	704	375	750	750	375	625	59	487	0	250 #
519	750	375	750	567	375	750	750	375	750	237	487	0	250 #
520	750	375	875	478	375	875	750	375	875	447	564	0	125 #
521	750	375	1000	375	376	1000	750	375	1000	625	623	0	0 #
522	750	500	0	750	377	0	750	500	0	0	473	951	250 #
523	750	500	125	750	394	125	750	500	125	0	454	799	250 #
524	750	500	250	750	408	250	750	500	250	0	440	645	250 #
525	750	500	375	750	431	375	750	500	375	0	414	487	250 #
526	750	500	500	750	500	580	750	500	500	0	327	221	250 #
527	750	500	625	750	500	748	750	500	625	0	327	2	250 #
528	750	500	750	628	500	750	750	500	750	159	327	0	250 #
529	750	500	875	533	500	875	750	500	875	386	424	0	125 #
530	750	500	1000	500	597	1000	750	500	1000	500	402	0	0 #
531	750	625	0	750	516	0	750	625	0	0	296	951	250 #
532	750	625	125	750	532	125	750	625	125	0	278	799	250 #
533	750	625	250	750	547	250	750	625	250	0	261	645	250 #
534	750	625	375	750	563	375	750	625	375	0	242	487	250 #
535	750	625	500	750	579	500	750	625	500	0	223	327	250 #
536	750	625	625	750	625	665	750	625	625	0	165	111	250 #
537	750	625	750	689	625	750	750	625	750	80	165	0	250 #
538	750	625	875	625	673	875	750	625	875	283	228	0	125 #
539	750	625	1000	625	778	1000	750	625	1000	375	221	0	0 #
540	750	750	0	750	660	0	750	750	0	0	113	951	250 #
541	750	750	125	750	675	125	750	750	125	0	95	799	250 #
542	750	750	250	750	690	250	750	750	250	0	76	645	250 #
543	750	750	375	750	705	375	750	750	375	0	58	487	250 #
544	750	750	500	750	720	500	750	750	500	0	39	327	250 #
545	750	750	625	750	735	625	750	750	625	0	19	165	250 #
546	750	750	750	750	750	750	750	750	750	0	0	0	250 #
547	750	750	875	750	840	875	750	750	875	142	39	0	125 #
548	750	750	1000	750	931	1000	750	750	1000	250	68	0	0 #
549	750	875	0	771	875	0	750	875	0	115	0	978	125 #
550	750	875	125	767	875	125	750	875	125	120	0	841	125 #
551	750	875	250	757	875	250	750	875	250	132	0	703	125 #
552	750	875	375	747	875	375	750	875	375	144	0	564	125 #
553	750	875	500	742	875	500	750	875	500	149	0	424	125 #
554	750	875	625	737	875	625	750	875	625	155	0	283	125 #
555	750	875	750	750	875	757	750	875	750	142	0	133	125 #
556	750	875	875	750	875	836	750	875	875	142	0	44	125 #
557	750	875	1000	750	1000	979	750	875	1000	250	0	20	0 #
558	750	1000	0	744	1000	0	750	1000	0	255	0	1000	0 #
559	750	1000	125	742	1000	125	750	1000	125	257	0	875	0 #
560	750	1000	250	735	1000	250	750	1000	250	264	0	750	0 #
561	750	1000	375	734	1000	375	750	1000	375	265	0	625	0 #
562	750	1000	500	725	1000	500	750	1000	500	274	0	500	0 #
563	750	1000	625	726	1000	625	750	1000	625	273	0	375	0 #
564	750	1000	750	750	1000	765	750	1000	750	250	0	234	0 #
565	750	1000	875	750	1000	859	750	1000	875	250	0	140	0 #
566	750	1000	1000	750	1000	922	750	1000	1000	250	0	77	0 #

n	*rgb*$_{Fe}$*1000			*rgb**$_{Fe}$*1000			*rgb'**$_{Fe}$			*cmyn'**$_{6,sep,Fe}$*1000			
567	875	0	0	875	0	282	875	0	0	0	978	662	125 #
568	875	0	125	875	0	447	875	0	125	0	978	478	125 #
569	875	0	250	875	0	595	875	0	250	0	978	312	125 #
570	875	0	375	875	0	769	875	0	375	0	978	117	125 #
571	875	0	500	875	0	864	875	0	500	0	978	11	125 #
572	875	0	625	716	0	875	875	0	625	176	978	0	125 #
573	875	0	750	583	0	875	875	0	750	326	978	0	125 #
574	875	0	875	448	0	875	875	0	875	477	978	0	125 #
575	875	0	1000	370	0	1000	875	0	1000	629	1000	0	0 #
576	875	125	0	875	0	90	875	125	0	0	978	877	125 #
577	875	125	125	875	125	367	875	125	125	0	841	569	125 #
578	875	125	250	875	125	524	875	125	250	0	841	393	125 #
579	875	125	375	875	125	682	875	125	375	0	841	215	125 #
580	875	125	500	875	125	869	875	125	500	0	841	6	125 #
581	875	125	625	783	125	875	875	125	625	102	841	0	125 #
582	875	125	750	638	125	875	875	125	750	264	841	0	125 #
583	875	125	875	509	125	875	875	125	875	410	841	0	125 #
584	875	125	1000	428	125	1000	875	125	1000	571	875	0	0 #
585	875	250	0	875	87	0	875	250	0	0	881	978	125 #
586	875	250	125	875	125	177	875	250	125	0	841	782	125 #
587	875	250	250	875	250	452	875	250	250	0	703	476	125 #
588	875	250	375	875	250	609	875	250	375	0	703	298	125 #
589	875	250	500	875	250	771	875	250	500	0	703	116	125 #
590	875	250	625	855	250	875	875	250	625	21	703	0	125 #
591	875	250	750	701	250	875	875	250	750	195	703	0	125 #
592	875	250	875	570	250	875	875	250	875	343	703	0	125 #
593	875	250	1000	493	250	1000	875	250	1000	506	750	0	0 #
594	875	375	0	875	211	0	875	375	0	0	742	978	125 #
595	875	375	125	875	238	125	875	375	125	0	714	841	125 #
596	875	375	250	875	250	250	875	375	250	0	703	702	125 #
597	875	375	375	875	375	536	875	375	375	0	564	382	125 #
598	875	375	500	875	375	694	875	375	500	0	564	203	125 #
599	875	375	625	875	375	871	875	375	625	0	564	4	125 #
600	875	375	750	765	375	875	875	375	750	124	564	0	125 #
601	875	375	875	631	375	875	875	375	875	275	564	0	125 #
602	875	375	1000	548	375	1000	875	375	1000	451	625	0	0 #
603	875	500	0	875	346	0	875	500	0	0	591	978	125 #
604	875	500	125	875	362	125	875	500	125	0	574	841	125 #
605	875	500	250	875	382	250	875	500	250	0	554	703	125 #
606	875	500	375	875	404	375	875	500	375	0	530	564	125 #
607	875	500	500	875	500	621	875	500	500	0	424	287	125 #
608	875	500	625	875	500	778	875	500	625	0	424	108	125 #
609	875	500	750	829	500	875	875	500	750	51	424	0	125 #
610	875	500	875	692	500	875	875	500	875	207	424	0	125 #
611	875	500	1000	603	500	1000	875	500	1000	396	500	0	0 #
612	875	625	0	875	488	0	875	625	0	0	432	978	125 #
613	875	625	125	875	502	125	875	625	125	0	418	841	125 #
614	875	625	250	875	519	250	875	625	250	0	399	703	125 #
615	875	625	375	875	533	375	875	625	375	0	385	564	125 #
616	875	625	500	875	556	500	875	625	500	0	360	424	125 #
617	875	625	625	875	625	705	875	625	625	0	283	192	125 #
618	875	625	750	875	625	873	875	625	750	0	283	2	125 #
619	875	625	875	753	625	875	875	625	875	138	283	0	125 #
620	875	625	1000	658	625	1000	875	625	1000	341	375	0	0 #
621	875	750	0	875	619	0	875	750	0	0	286	978	125 #
622	875	750	125	875	641	125	875	750	125	0	261	841	125 #
623	875	750	250	875	657	250	875	750	250	0	245	703	125 #
624	875	750	375	875	672	375	875	750	375	0	228	564	125 #
625	875	750	500	875	688	500	875	750	500	0	211	424	125 #
626	875	750	625	875	704	625	875	750	625	0	193	283	125 #
627	875	750	750	875	750	790	875	750	750	0	142	96	125 #
628	875	750	875	814	750	875	875	750	875	69	142	0	125 #
629	875	750	1000	750	798	1000	875	750	1000	250	201	0	0 #
630	875	875	0	875	770	0	875	875	0	0	116	978	125 #
631	875	875	125	875	785	125	875	875	125	0	100	841	125 #
632	875	875	250	875	800	250	875	875	250	0	83	703	125 #
633	875	875	375	875	815	375	875	875	375	0	67	564	125 #
634	875	875	500	875	830	500	875	875	500	0	50	424	125 #
635	875	875	625	875	845	625	875	875	625	0	33	283	125 #
636	875	875	750	875	860	750	875	875	750	0	16	142	125 #
637	875	875	875	875	875	875	875	875	875	0	0	0	125 #
638	875	875	1000	875	965	1000	875	875	1000	125	34	0	0 #
639	875	1000	0	914	1000	0	875	1000	0	85	0	1000	0 #
640	875	1000	125	896	1000	125	875	1000	125	103	0	875	0 #
641	875	1000	250	892	1000	250	875	1000	250	107	0	750	0 #
642	875	1000	375	882	1000	375	875	1000	375	117	0	625	0 #
643	875	1000	500	872	1000	500	875	1000	500	127	0	500	0 #
644	875	1000	625	867	1000	625	875	1000	625	132	0	375	0 #
645	875	1000	750	862	1000	750	875	1000	750	137	0	250	0 #
646	875	1000	875	875	1000	882	875	1000	875	125	0	117	0 #
647	875	1000	1000	875	1000	961	875	1000	1000	125	0	38	0 #

n	*rgb*$_{Fe}$*1000			*rgb**$_{Fe}$*1000			*rgb'**$_{Fe}$			*cmyn'**$_{6,sep,Fe}$*1000			
648	1000	0	0	1000	0	323	1000	0	0	0	1000	676	0 #
649	1000	0	125	1000	0	489	1000	0	125	0	1000	510	0 #
650	1000	0	250	1000	0	639	1000	0	250	0	1000	360	0 #
651	1000	0	375	1000	0	811	1000	0	375	0	1000	188	0 #
652	1000	0	500	1000	0	992	1000	0	500	0	1000	7	0 #
653	1000	0	625	946	0	1000	1000	0	625	53	1000	0	0 #
654	1000	0	750	780	0	1000	1000	0	750	219	1000	0	0 #
655	1000	0	875	647	0	1000	1000	0	875	352	1000	0	0 #
656	1000	0	1000	512	0	1000	1000	0	1000	487	1000	0	0 #
657	1000	125	0	1000	0	135	1000	125	0	0	1000	864	0 #
658	1000	125	125	1000	125	407	1000	125	125	0	875	592	0 #
659	1000	125	250	1000	125	572	1000	125	250	0	875	427	0 #
660	1000	125	375	1000	125	720	1000	125	375	0	875	279	0 #
661	1000	125	500	1000	125	894	1000	125	500	0	875	105	0 #
662	1000	125	625	1000	125	989	1000	125	625	0	875	10	0 #
663	1000	125	750	841	125	1000	1000	125	750	158	875	0	0 #
664	1000	125	875	708	125	1000	1000	125	875	291	875	0	0 #
665	1000	125	1000	573	125	1000	1000	125	1000	426	875	0	0 #
666	1000	250	0	1000	59	0	1000	250	0	0	940	1000	0 #
667	1000	250	125	1000	125	215	1000	250	125	0	875	784	0 #
668	1000	250	250	1000	250	492	1000	250	250	0	750	507	0 #
669	1000	250	375	1000	250	649	1000	250	375	0	750	350	0 #
670	1000	250	500	1000	250	807	1000	250	500	0	750	192	0 #
671	1000	250	625	1000	250	994	1000	250	625	0	750	5	0 #
672	1000	250	750	908	250	1000	1000	250	750	91	750	0	0 #
673	1000	250	875	763	250	1000	1000	250	875	236	750	0	0 #
674	1000	250	1000	634	250	1000	1000	250	1000	365	750	0	0 #
675	1000	375	0	1000	196	0	1000	375	0	0	803	1000	0 #
676	1000	375	125	1000	212	125	1000	375	125	0	787	875	0 #
677	1000	375	250	1000	250	302	1000	375	250	0	750	697	0 #
678	1000	375	375	1000	375	577	1000	375	375	0	625	422	0 #
679	1000	375	500	1000	375	734	1000	375	500	0	625	265	0 #
680	1000	375	625	1000	375	896	1000	375	625	0	625	103	0 #
681	1000	375	750	980	375	1000	1000	375	750	19	625	0	0 #
682	1000	375	875	826	375	1000	1000	375	875	173	625	0	0 #
683	1000	375	1000	695	375	1000	1000	375	1000	304	625	0	0 #
684	1000	500	0	1000	317	0	1000	500	0	0	682	1000	0 #
685	1000	500	125	1000	336	125	1000	500	125	0	663	875	0 #
686	1000	500	250	1000	363	250	1000	500	250	0	636	750	0 #
687	1000	500	375	1000	375	375	1000	500	375	0	625	624	0 #
688	1000	500	500	1000	500	661	1000	500	500	0	500	338	0 #
689	1000	500	625	1000	500	819	1000	500	625	0	500	180	0 #
690	1000	500	750	1000	500	996	1000	500	750	0	500	3	0 #
691	1000	500	875	890	500	1000	1000	500	875	109	500	0	0 #
692	1000	500	1000	756	500	1000	1000	500	1000	243	500	0	0 #
693	1000	625	0	1000	449	0	1000	625	0	0	550	1000	0 #
694	1000	625	125	1000	471	125	1000	625	125	0	528	875	0 #
695	1000	625	250	1000	487	250	1000	625	250	0	512	750	0 #
696	1000	625	375	1000	507	375	1000	625	375	0	492	625	0 #
697	1000	625	500	1000	529	500	1000	625	500	0	470	500	0 #
698	1000	625	625	1000	625	746	1000	625	625	0	375	253	0 #
699	1000	625	750	1000	625	903	1000	625	750	0	375	96	0 #
700	1000	625	875	954	625	1000	1000	625	875	45	375	0	0 #
701	1000	625	1000	817	625	1000	1000	625	1000	182	375	0	0 #
702	1000	750	0	1000	595	0	1000	750	0	0	404	1000	0 #
703	1000	750	125	1000	613	125	1000	750	125	0	386	875	0 #
704	1000	750	250	1000	627	250	1000	750	250	0	372	750	0 #
705	1000	750	375	1000	644	375	1000	750	375	0	355	625	0 #
706	1000	750	500	1000	658	500	1000	750	500	0	341	500	0 #
707	1000	750	625	1000	681	625	1000	750	625	0	318	375	0 #
708	1000	750	750	1000	750	830	1000	750	750	0	250	169	0 #
709	1000	750	875	1000	750	998	1000	750	875	0	250	1	0 #
710	1000	750	1000	878	750	1000	1000	750	1000	121	250	0	0 #
711	1000	875	0	1000	726	0	1000	875	0	0	273	1000	0 #
712	1000	875	125	1000	744	125	1000	875	125	0	255	875	0 #
713	1000	875	250	1000	766	250	1000	875	250	0	233	750	0 #
714	1000	875	375	1000	782	375	1000	875	375	0	217	625	0 #
715	1000	875	500	1000	797	500	1000	875	500	0	202	500	0 #
716	1000	875	625	1000	813	625	1000	875	625	0	186	375	0 #
717	1000	875	750	1000	829	750	1000	875	750	0	170	250	0 #
718	1000	875	875	1000	875	915	1000	875	875	0	125	84	0 #
719	1000	875	1000	939	875	1000	1000	875	1000	60	125	0	0 #
720	1000	1000	0	1000	880	0	1000	1000	0	0	119	1000	0 #
721	1000	1000	125	1000	895	125	1000	1000	125	0	104	875	0 #
722	1000	1000	250	1000	910	250	1000	1000	250	0	89	750	0 #
723	1000	1000	375	1000	925	375	1000	1000	375	0	74	625	0 #
724	1000	1000	500	1000	940	500	1000	1000	500	0	59	500	0 #
725	1000	1000	625	1000	955	625	1000	1000	625	0	44	375	0 #
726	1000	1000	750	1000	970	750	1000	1000	750	0	29	250	0 #
727	1000	1000	875	1000	985	875	1000	1000	875	0	14	125	0 #
728	1000	1000	1000	1000	1000	1000	1000	1000	1000	0	0	0	0 #

n	*rgb*_Fe*1000			*rgb**Fe*1000			*rgb'**Fe			*cmyn'**6,sep,Fe*1000			
729	1000	1000	1000	1000	1000	1000	1000	1000	1000	0	0	0	0 #
730	875	1000	1000	875	1000	961	875	1000	1000	125	0	38	0 #
731	750	1000	1000	750	1000	922	750	1000	1000	250	0	77	0 #
732	625	1000	1000	625	1000	883	625	1000	1000	375	0	116	0 #
733	500	1000	1000	500	1000	844	500	1000	1000	500	0	155	0 #
734	375	1000	1000	375	1000	806	375	1000	1000	625	0	193	0 #
735	250	1000	1000	250	1000	767	250	1000	1000	750	0	232	0 #
736	125	1000	1000	125	1000	728	125	1000	1000	875	0	271	0 #
737	0	1000	1000	0	1000	689	0	1000	1000	1000	0	310	0 #
738	1000	875	875	1000	875	915	1000	875	875	0	125	84	0 #
739	875	875	875	875	875	875	875	875	875	0	0	0	125 #
740	750	875	875	750	875	836	750	875	875	142	0	44	125 #
741	625	875	875	625	875	797	625	875	875	283	0	88	125 #
742	500	875	875	500	875	758	500	875	875	424	0	131	125 #
743	375	875	875	375	875	719	375	875	875	564	0	175	125 #
744	250	875	875	250	875	681	250	875	875	703	0	218	125 #
745	125	875	875	125	875	642	125	875	875	841	0	261	125 #
746	0	875	875	0	875	603	0	875	875	978	0	303	125 #
747	1000	750	750	1000	750	830	1000	750	750	0	250	169	0 #
748	875	750	750	875	750	790	875	750	750	0	142	96	125 #
749	750	750	750	750	750	750	750	750	750	0	0	0	250 #
750	625	750	750	625	750	711	625	750	750	165	0	51	250 #
751	500	750	750	500	750	672	500	750	750	327	0	101	250 #
752	375	750	750	375	750	633	375	750	750	487	0	151	250 #
753	250	750	750	250	750	594	250	750	750	645	0	200	250 #
754	125	750	750	125	750	556	125	750	750	799	0	248	250 #
755	0	750	750	0	750	517	0	750	750	951	0	295	250 #
756	1000	625	625	1000	625	746	1000	625	625	0	375	253	0 #
757	875	625	625	875	625	705	875	625	625	0	283	192	125 #
758	750	625	625	750	625	665	750	625	625	0	165	111	250 #
759	625	625	625	625	625	625	625	625	625	0	0	0	375 #
760	500	625	625	500	625	586	500	625	625	196	0	61	375 #
761	375	625	625	375	625	547	375	625	625	386	0	119	375 #
762	250	625	625	250	625	508	250	625	625	569	0	176	375 #
763	125	625	625	125	625	469	125	625	625	746	0	231	375 #
764	0	625	625	0	625	431	0	625	625	916	0	284	375 #
765	1000	500	500	1000	500	661	1000	500	500	0	500	338	0 #
766	875	500	500	875	500	621	875	500	500	0	424	287	125 #
767	750	500	500	750	500	580	750	500	500	0	327	221	250 #
768	625	500	500	625	500	540	625	500	500	0	196	133	375 #
769	500	500	500	500	500	500	500	500	500	0	0	0	500 #
770	375	500	500	375	500	461	375	500	500	241	0	75	500 #
771	250	500	500	249	500	422	250	500	500	466	0	144	500 #
772	125	500	500	124	500	383	125	500	500	675	0	209	500 #
773	0	500	500	0	500	344	0	500	500	867	0	269	500 #
774	1000	375	375	1000	375	577	1000	375	375	0	625	422	0 #
775	875	375	375	875	375	536	875	375	375	0	564	382	125 #
776	750	375	375	750	375	496	750	375	375	0	487	330	250 #
777	625	375	375	625	375	455	625	375	375	0	386	261	375 #
778	500	375	375	500	375	415	500	375	375	0	241	163	500 #
779	375	375	375	375	375	375	375	375	375	0	0	0	625 #
780	250	375	375	249	375	336	250	375	375	310	0	96	625 #
781	125	375	375	124	375	297	125	375	375	576	0	178	625 #
782	0	375	375	0	375	258	0	375	375	797	0	247	625 #
783	1000	250	250	1000	250	492	1000	250	250	0	750	507	0 #
784	875	250	250	875	250	452	875	250	250	0	703	476	125 #
785	750	250	250	750	250	411	750	250	250	0	645	436	250 #
786	625	250	250	625	250	371	625	250	250	0	569	385	375 #
787	500	250	250	500	249	330	500	250	250	0	466	315	500 #
788	375	250	250	375	249	290	375	250	250	0	310	210	625 #
789	250	250	250	250	250	250	250	250	250	0	0	0	750 #
790	125	250	250	124	250	211	125	250	250	421	0	130	750 #
791	0	250	250	0	250	172	0	250	250	686	0	212	750 #
792	1000	125	125	1000	125	407	1000	125	125	0	875	592	0 #
793	875	125	125	875	125	367	875	125	125	0	841	569	125 #
794	750	125	125	750	125	327	750	125	125	0	799	541	250 #
795	625	125	125	625	125	286	625	125	125	0	746	505	375 #
796	500	125	125	500	124	246	500	125	125	0	675	457	500 #
797	375	125	125	375	124	205	375	125	125	0	576	390	625 #
798	250	125	125	250	124	165	250	125	125	0	421	285	750 #
799	125	125	125	125	125	125	125	125	125	0	0	0	875 #
800	0	125	125	0	125	86	0	125	125	483	0	150	875 #
801	1000	0	0	1000	0	323	1000	0	0	0	1000	676	0 #
802	875	0	0	875	0	282	875	0	0	0	978	662	125 #
803	750	0	0	750	0	242	750	0	0	0	951	644	250 #
804	625	0	0	625	0	202	625	0	0	0	916	620	375 #
805	500	0	0	500	0	161	500	0	0	0	867	587	500 #
806	375	0	0	375	0	121	375	0	0	0	797	539	625 #
807	250	0	0	250	0	80	250	0	0	0	686	464	750 #
808	125	0	0	125	0	40	125	0	0	0	483	327	875 #
809	0	0	0	0	0	0	0	0	0	0	0	0	1000 #

n	*rgb*_Fe*1000			*rgb**Fe*1000			*rgb'**Fe			*cmyn'**6,sep,Fe*1000			
810	1000	1000	1000	1000	1000	1000	1000	1000	1000	0	0	0	0 #
811	875	875	1000	875	965	1000	875	875	1000	125	34	0	0 #
812	750	750	1000	750	931	1000	750	750	1000	250	68	0	0 #
813	625	625	1000	625	897	1000	625	625	1000	375	102	0	0 #
814	500	500	1000	500	862	1000	500	500	1000	500	137	0	0 #
815	375	375	1000	375	828	1000	375	375	1000	625	171	0	0 #
816	250	250	1000	250	794	1000	250	250	1000	750	205	0	0 #
817	125	125	1000	125	760	1000	125	125	1000	875	239	0	0 #
818	0	0	1000	0	725	1000	0	0	1000	1000	274	0	0 #
819	1000	1000	875	1000	985	875	1000	1000	875	0	14	125	0 #
820	875	875	875	875	875	875	875	875	875	0	0	0	125 #
821	750	750	875	750	840	875	750	750	875	142	39	0	125 #
822	625	625	875	625	806	875	625	625	875	283	77	0	125 #
823	500	500	875	500	772	875	500	500	875	424	116	0	125 #
824	375	375	875	375	737	875	375	375	875	564	154	0	125 #
825	250	250	875	250	703	875	250	250	875	703	192	0	125 #
826	125	125	875	125	669	875	125	125	875	841	230	0	125 #
827	0	0	875	0	635	875	0	0	875	978	268	0	125 #
828	1000	1000	750	1000	970	750	1000	1000	750	0	29	250	0 #
829	875	875	750	875	860	750	875	875	750	0	16	142	125 #
830	750	750	750	750	750	750	750	750	750	0	0	0	250 #
831	625	625	750	625	715	750	625	625	750	165	45	0	250 #
832	500	500	750	500	681	750	500	500	750	327	89	0	250 #
833	375	375	750	375	647	750	375	375	750	487	133	0	250 #
834	250	250	750	250	612	750	250	250	750	645	176	0	250 #
835	125	125	750	125	578	750	125	125	750	799	219	0	250 #
836	0	0	750	0	544	750	0	0	750	951	260	0	250 #
837	1000	1000	625	1000	955	625	1000	1000	625	0	44	375	0 #
838	875	875	625	875	845	625	875	875	625	0	33	283	125 #
839	750	750	625	750	735	625	750	750	625	0	19	165	250 #
840	625	625	625	625	625	625	625	625	625	0	0	0	375 #
841	500	500	625	500	590	625	500	500	625	196	53	0	375 #
842	375	375	625	375	556	625	375	375	625	386	105	0	375 #
843	250	250	625	250	522	625	250	250	625	569	156	0	375 #
844	125	125	625	125	487	625	125	125	625	746	204	0	375 #
845	0	0	625	0	453	625	0	0	625	916	251	0	375 #
846	1000	1000	500	1000	940	500	1000	1000	500	0	59	500	0 #
847	875	875	500	875	830	500	875	875	500	0	50	424	125 #
848	750	750	500	750	720	500	750	750	500	0	39	327	250 #
849	625	625	500	625	610	500	625	625	500	0	23	196	375 #
850	500	500	500	500	500	500	500	500	500	0	0	0	500 #
851	375	375	500	375	465	500	375	375	500	241	66	0	500 #
852	250	250	500	249	431	500	250	250	500	466	127	0	500 #
853	125	125	500	124	397	500	125	125	500	675	185	0	500 #
854	0	0	500	0	362	500	0	0	500	867	237	0	500 #
855	1000	1000	375	1000	925	375	1000	1000	375	0	74	625	0 #
856	875	875	375	875	815	375	875	875	375	0	67	564	125 #
857	750	750	375	750	705	375	750	750	375	0	58	487	250 #
858	625	625	375	625	595	375	625	625	375	0	46	386	375 #
859	500	500	375	500	485	375	500	500	375	0	28	241	500 #
860	375	375	375	375	375	375	375	375	375	0	0	0	625 #
861	250	250	375	249	340	375	250	250	375	310	85	0	625 #
862	125	125	375	124	306	375	125	125	375	576	158	0	625 #
863	0	0	375	0	272	375	0	0	375	797	218	0	625 #
864	1000	1000	250	1000	910	250	1000	1000	250	0	89	750	0 #
865	875	875	250	875	800	250	875	875	250	0	83	703	125 #
866	750	750	250	750	690	250	750	750	250	0	76	645	250 #
867	625	625	250	625	580	250	625	625	250	0	67	569	375 #
868	500	500	250	500	470	249	500	500	250	0	55	466	500 #
869	375	375	250	375	360	249	375	375	250	0	37	310	625 #
870	250	250	250	250	250	250	250	250	250	0	0	0	750 #
871	125	125	250	124	215	250	125	125	250	421	115	0	750 #
872	0	0	250	0	181	250	0	0	250	686	188	0	750 #
873	1000	1000	125	1000	895	125	1000	1000	125	0	104	875	0 #
874	875	875	125	875	785	125	875	875	125	0	100	841	125 #
875	750	750	125	750	675	125	750	750	125	0	95	799	250 #
876	625	625	125	625	565	125	625	625	125	0	88	746	375 #
877	500	500	125	500	455	124	500	500	125	0	80	675	500 #
878	375	375	125	375	345	124	375	375	125	0	68	576	625 #
879	250	250	125	250	235	124	250	250	125	0	50	421	750 #
880	125	125	125	125	125	125	125	125	125	0	0	0	875 #
881	0	0	125	0	90	125	0	0	125	483	132	0	875 #
882	1000	1000	0	1000	880	0	1000	1000	0	0	119	1000	0 #
883	875	875	0	875	770	0	875	875	0	0	116	978	125 #
884	750	750	0	750	660	0	750	750	0	0	113	951	250 #
885	625	625	0	625	550	0	625	625	0	0	109	916	375 #
886	500	500	0	500	440	0	500	500	0	0	103	867	500 #
887	375	375	0	375	330	0	375	375	0	0	94	797	625 #
888	250	250	0	250	220	0	250	250	0	0	81	686	750 #
889	125	125	0	125	110	0	125	125	0	0	57	483	875 #
890	0	0	0	0	0	0	0	0	0	0	0	0	1000 #

n	*rgb*_Fe*1000			*rgb*Fe*1000*			*rgb'*Fe*			*cmyn'*6,sep,Fe*1000*			
891	1000	1000	1000	1000	1000	1000	1000	1000	1000	0	0	0	0 #
892	1000	875	1000	939	875	1000	1000	875	1000	60	125	0	0 #
893	1000	750	1000	878	750	1000	1000	750	1000	121	250	0	0 #
894	1000	625	1000	817	625	1000	1000	625	1000	182	375	0	0 #
895	1000	500	1000	756	500	1000	1000	500	1000	243	500	0	0 #
896	1000	375	1000	695	375	1000	1000	375	1000	304	625	0	0 #
897	1000	250	1000	634	250	1000	1000	250	1000	365	750	0	0 #
898	1000	125	1000	573	125	1000	1000	125	1000	426	875	0	0 #
899	1000	0	1000	512	0	1000	1000	0	1000	487	1000	0	0 #
900	875	1000	875	875	1000	882	875	1000	875	125	0	117	0 #
901	875	875	875	875	875	875	875	875	875	0	0	0	125 #
902	875	750	875	814	750	875	875	750	875	69	142	0	125 #
903	875	625	875	753	625	875	875	625	875	138	283	0	125 #
904	875	500	875	692	500	875	875	500	875	207	424	0	125 #
905	875	375	875	631	375	875	875	375	875	275	564	0	125 #
906	875	250	875	570	250	875	875	250	875	343	703	0	125 #
907	875	125	875	509	125	875	875	125	875	410	841	0	125 #
908	875	0	875	448	0	875	875	0	875	477	978	0	125 #
909	750	1000	750	750	1000	765	750	1000	750	250	0	234	0 #
910	750	875	750	750	875	757	750	875	750	142	0	133	125 #
911	750	750	750	750	750	750	750	750	750	0	0	0	250 #
912	750	625	750	689	625	750	750	625	750	80	165	0	250 #
913	750	500	750	628	500	750	750	500	750	159	327	0	250 #
914	750	375	750	567	375	750	750	375	750	237	487	0	250 #
915	750	250	750	506	250	750	750	250	750	314	645	0	250 #
916	750	125	750	445	125	750	750	125	750	390	799	0	250 #
917	750	0	750	384	0	750	750	0	750	464	951	0	250 #
918	625	1000	625	625	1000	648	625	1000	625	375	0	351	0 #
919	625	875	625	625	875	640	625	875	625	283	0	266	125 #
920	625	750	625	625	750	632	625	750	625	165	0	155	250 #
921	625	625	625	625	625	625	625	625	625	0	0	0	375 #
922	625	500	625	564	500	625	625	500	625	95	196	0	375 #
923	625	375	625	503	375	625	625	375	625	188	386	0	375 #
924	625	250	625	442	250	625	625	250	625	277	569	0	375 #
925	625	125	625	381	125	625	625	125	625	364	746	0	375 #
926	625	0	625	320	0	625	625	0	625	446	916	0	375 #
927	500	1000	500	500	1000	531	500	1000	500	500	0	468	0 #
928	500	875	500	500	875	523	500	875	500	424	0	398	125 #
929	500	750	500	500	750	515	500	750	500	327	0	307	250 #
930	500	625	500	500	625	507	500	625	500	196	0	184	375 #
931	500	500	500	500	500	500	500	500	500	0	0	0	500 #
932	500	375	500	439	375	500	500	375	500	117	241	0	500 #
933	500	250	500	378	249	500	500	250	500	227	466	0	500 #
934	500	125	500	317	124	500	500	125	500	329	675	0	500 #
935	500	0	500	256	0	500	500	0	500	423	867	0	500 #
936	375	1000	375	375	1000	413	375	1000	375	625	0	586	0 #
937	375	875	375	375	875	406	375	875	375	564	0	529	125 #
938	375	750	375	375	750	398	375	750	375	487	0	457	250 #
939	375	625	375	375	625	390	375	625	375	386	0	362	375 #
940	375	500	375	375	500	382	375	500	375	241	0	226	500 #
941	375	375	375	375	375	375	375	375	375	0	0	0	625 #
942	375	250	375	314	249	375	375	250	375	151	310	0	625 #
943	375	125	375	253	124	375	375	125	375	281	576	0	625 #
944	375	0	375	192	0	375	375	0	375	388	797	0	625 #
945	250	1000	250	250	1000	296	250	1000	250	750	0	703	0 #
946	250	875	250	250	875	288	250	875	250	703	0	659	125 #
947	250	750	250	250	750	281	250	750	250	645	0	605	250 #
948	250	625	250	250	625	273	250	625	250	569	0	534	375 #
949	250	500	250	249	500	265	250	500	250	466	0	437	500 #
950	250	375	250	249	375	257	250	375	250	310	0	291	625 #
951	250	250	250	250	250	250	250	250	250	0	0	0	750 #
952	250	125	250	189	124	250	250	125	250	205	421	0	750 #
953	250	0	250	128	0	250	250	0	250	334	686	0	750 #
954	125	1000	125	125	1000	179	125	1000	125	875	0	820	0 #
955	125	875	125	125	875	171	125	875	125	841	0	789	125 #
956	125	750	125	125	750	163	125	750	125	799	0	750	250 #
957	125	625	125	125	625	156	125	625	125	746	0	700	375 #
958	125	500	125	124	500	148	125	500	125	675	0	633	500 #
959	125	375	125	124	375	140	125	375	125	576	0	540	625 #
960	125	250	125	124	250	132	125	250	125	421	0	395	750 #
961	125	125	125	125	125	125	125	125	125	0	0	0	875 #
962	125	0	125	64	0	125	125	0	125	235	483	0	875 #
963	0	1000	0	0	1000	62	0	1000	0	1000	0	937	0 #
964	0	875	0	0	875	54	0	875	0	978	0	917	125 #
965	0	750	0	0	750	46	0	750	0	951	0	892	250 #
966	0	625	0	0	625	38	0	625	0	916	0	859	375 #
967	0	500	0	0	500	31	0	500	0	867	0	813	500 #
968	0	375	0	0	375	23	0	375	0	797	0	747	625 #
969	0	250	0	0	250	15	0	250	0	686	0	643	750 #
970	0	125	0	0	125	7	0	125	0	483	0	453	875 #
971	0	0	0	0	0	0	0	0	0	0	0	0	1000 #

TUB-test chart ZE15; test chart G of CIE R8−09:2015
colors and differences, ΔE^*', 3D=0, de=1, *RGB*

input: *rgb/cmyk* −> rgb_e
output: transfer to rgb_e

n	*rgb*_Fe*1000			*rgb*Fe*1000			*rgb'*Fe*			*cmyn'*6,sep,Fe*1000			
972	0	0	0	0	0	0	0	0	0	0	0	0	1000 #
973	125	125	125	125	125	125	125	125	125	0	0	0	875 #
974	250	250	250	250	250	250	250	250	250	0	0	0	750 #
975	375	375	375	375	375	375	375	375	375	0	0	0	625 #
976	500	500	500	500	500	500	500	500	500	0	0	0	500 #
977	625	625	625	625	625	625	625	625	625	0	0	0	375 #
978	750	750	750	750	750	750	750	750	750	0	0	0	250 #
979	875	875	875	875	875	875	875	875	875	0	0	0	125 #
980	1000	1000	1000	1000	1000	1000	1000	1000	1000	0	0	0	0 #
981	0	0	0	0	0	0	0	0	0	0	0	0	1000 #
982	125	125	125	125	125	125	125	125	125	0	0	0	875 #
983	250	250	250	250	250	250	250	250	250	0	0	0	750 #
984	375	375	375	375	375	375	375	375	375	0	0	0	625 #
985	500	500	500	500	500	500	500	500	500	0	0	0	500 #
986	625	625	625	625	625	625	625	625	625	0	0	0	375 #
987	750	750	750	750	750	750	750	750	750	0	0	0	250 #
988	875	875	875	875	875	875	875	875	875	0	0	0	125 #
989	1000	1000	1000	1000	1000	1000	1000	1000	1000	0	0	0	0 #
990	0	0	0	0	0	0	0	0	0	0	0	0	1000 #
991	125	125	125	125	125	125	125	125	125	0	0	0	875 #
992	250	250	250	250	250	250	250	250	250	0	0	0	750 #
993	375	375	375	375	375	375	375	375	375	0	0	0	625 #
994	500	500	500	500	500	500	500	500	500	0	0	0	500 #
995	625	625	625	625	625	625	625	625	625	0	0	0	375 #
996	750	750	750	750	750	750	750	750	750	0	0	0	250 #
997	875	875	875	875	875	875	875	875	875	0	0	0	125 #
998	1000	1000	1000	1000	1000	1000	1000	1000	1000	0	0	0	0 #
999	0	0	0	0	0	0	0	0	0	0	0	0	1000 #
1000	125	125	125	125	125	125	125	125	125	0	0	0	875 #
1001	250	250	250	250	250	250	250	250	250	0	0	0	750 #
1002	375	375	375	375	375	375	375	375	375	0	0	0	625 #
1003	500	500	500	500	500	500	500	500	500	0	0	0	500 #
1004	625	625	625	625	625	625	625	625	625	0	0	0	375 #
1005	750	750	750	750	750	750	750	750	750	0	0	0	250 #
1006	875	875	875	875	875	875	875	875	875	0	0	0	125 #
1007	1000	1000	1000	1000	1000	1000	1000	1000	1000	0	0	0	0 #
1008	0	0	0	0	0	0	0	0	0	0	0	0	1000 #
1009	66	66	66	66	66	66	66	66	66	0	0	0	934 #
1010	133	133	133	133	133	133	133	133	133	0	0	0	867 #
1011	200	200	200	200	200	200	200	200	200	0	0	0	800 #
1012	266	266	266	266	266	266	266	266	266	0	0	0	733 #
1013	333	333	333	333	333	333	333	333	333	0	0	0	667 #
1014	400	400	400	400	400	400	400	400	400	0	0	0	600 #
1015	466	466	466	466	466	466	466	466	466	0	0	0	534 #
1016	533	533	533	533	533	533	533	533	533	0	0	0	467 #
1017	600	600	600	600	600	600	600	600	600	0	0	0	399 #
1018	666	666	666	666	666	666	666	666	666	0	0	0	334 #
1019	734	734	734	734	734	734	734	734	734	0	0	0	265 #
1020	800	800	800	800	800	800	800	800	800	0	0	0	199 #
1021	866	866	866	866	866	866	866	866	866	0	0	0	134 #
1022	933	933	933	933	933	933	933	933	933	0	0	0	66 #
1023	1000	1000	1000	1000	1000	1000	1000	1000	1000	0	0	0	0 #
1024	0	0	0	0	0	0	0	0	0	0	0	0	1000 #
1025	66	66	66	66	66	66	66	66	66	0	0	0	934 #
1026	133	133	133	133	133	133	133	133	133	0	0	0	867 #
1027	200	200	200	200	200	200	200	200	200	0	0	0	800 #
1028	266	266	266	266	266	266	266	266	266	0	0	0	733 #
1029	333	333	333	333	333	333	333	333	333	0	0	0	667 #
1030	400	400	400	400	400	400	400	400	400	0	0	0	600 #
1031	466	466	466	466	466	466	466	466	466	0	0	0	534 #
1032	533	533	533	533	533	533	533	533	533	0	0	0	467 #
1033	600	600	600	600	600	600	600	600	600	0	0	0	399 #
1034	666	666	666	666	666	666	666	666	666	0	0	0	334 #
1035	734	734	734	734	734	734	734	734	734	0	0	0	265 #
1036	800	800	800	800	800	800	800	800	800	0	0	0	199 #
1037	866	866	866	866	866	866	866	866	866	0	0	0	134 #
1038	933	933	933	933	933	933	933	933	933	0	0	0	66 #
1039	1000	1000	1000	1000	1000	1000	1000	1000	1000	0	0	0	0 #
1040	0	0	0	0	0	0	0	0	0	0	0	0	1000 #
1041	66	66	66	66	66	66	66	66	66	0	0	0	934 #
1042	133	133	133	133	133	133	133	133	133	0	0	0	867 #
1043	200	200	200	200	200	200	200	200	200	0	0	0	800 #
1044	266	266	266	266	266	266	266	266	266	0	0	0	733 #
1045	333	333	333	333	333	333	333	333	333	0	0	0	667 #
1046	400	400	400	400	400	400	400	400	400	0	0	0	600 #
1047	466	466	466	466	466	466	466	466	466	0	0	0	534 #
1048	533	533	533	533	533	533	533	533	533	0	0	0	467 #
1049	600	600	600	600	600	600	600	600	600	0	0	0	399 #
1050	666	666	666	666	666	666	666	666	666	0	0	0	334 #
1051	734	734	734	734	734	734	734	734	734	0	0	0	265 #
1052	800	800	800	800	800	800	800	800	800	0	0	0	199 #

n	*rgb*$_{Fe*1000}$			*rgb*$_{Fe*1000}$*			*rgb'*$_{Fe}$*			*cmyn'*$_{6,sep,Fe*1000}$*			
1053	866	866	866	866	866	866	866	866	866	0	0	0	134 #
1054	933	933	933	933	933	933	933	933	933	0	0	0	66 #
1055	1000	1000	1000	1000	1000	1000	1000	1000	1000	0	0	0	0 #
1056	0	0	0	0	0	0	0	0	0	0	0	0	1000 #
1057	66	66	66	66	66	66	66	66	66	0	0	0	934 #
1058	133	133	133	133	133	133	133	133	133	0	0	0	867 #
1059	200	200	200	200	200	200	200	200	200	0	0	0	800 #
1060	266	266	266	266	266	266	266	266	266	0	0	0	733 #
1061	333	333	333	333	333	333	333	333	333	0	0	0	667 #
1062	400	400	400	400	400	400	400	400	400	0	0	0	600 #
1063	466	466	466	466	466	466	466	466	466	0	0	0	534 #
1064	533	533	533	533	533	533	533	533	533	0	0	0	467 #
1065	600	600	600	600	600	600	600	600	600	0	0	0	399 #
1066	666	666	666	666	666	666	666	666	666	0	0	0	334 #
1067	734	734	734	734	734	734	734	734	734	0	0	0	265 #
1068	800	800	800	800	800	800	800	800	800	0	0	0	199 #
1069	866	866	866	866	866	866	866	866	866	0	0	0	134 #
1070	933	933	933	933	933	933	933	933	933	0	0	0	66 #
1071	1000	1000	1000	1000	1000	1000	1000	1000	1000	0	0	0	0 #
1072	0	0	0	0	0	0	0	0	0	0	0	0	1000 #
1073	1000	1000	1000	1000	1000	1000	1000	1000	1000	0	0	0	0 #
1074	1000	0	0	1000	0	323	1000	0	0	0	1000	676	0 #
1075	0	1000	1000	0	1000	689	0	1000	1000	1000	0	310	0 #
1076	1000	1000	0	1000	880	0	1000	1000	0	0	119	1000	0 #
1077	0	0	1000	0	725	1000	0	0	1000	1000	274	0	0 #
1078	0	1000	0	0	1000	62	0	1000	0	1000	0	937	0 #
1079	1000	0	1000	512	0	1000	1000	0	1000	487	1000	0	0 #

TUB-test chart ZE15; test chart G of CIE R8−09:2015
colors and differences, ΔE^*', 3D=0, de=1, *RGB*

input: *rgb/cmyk* −> rgb_e
output: transfer to rgb_e