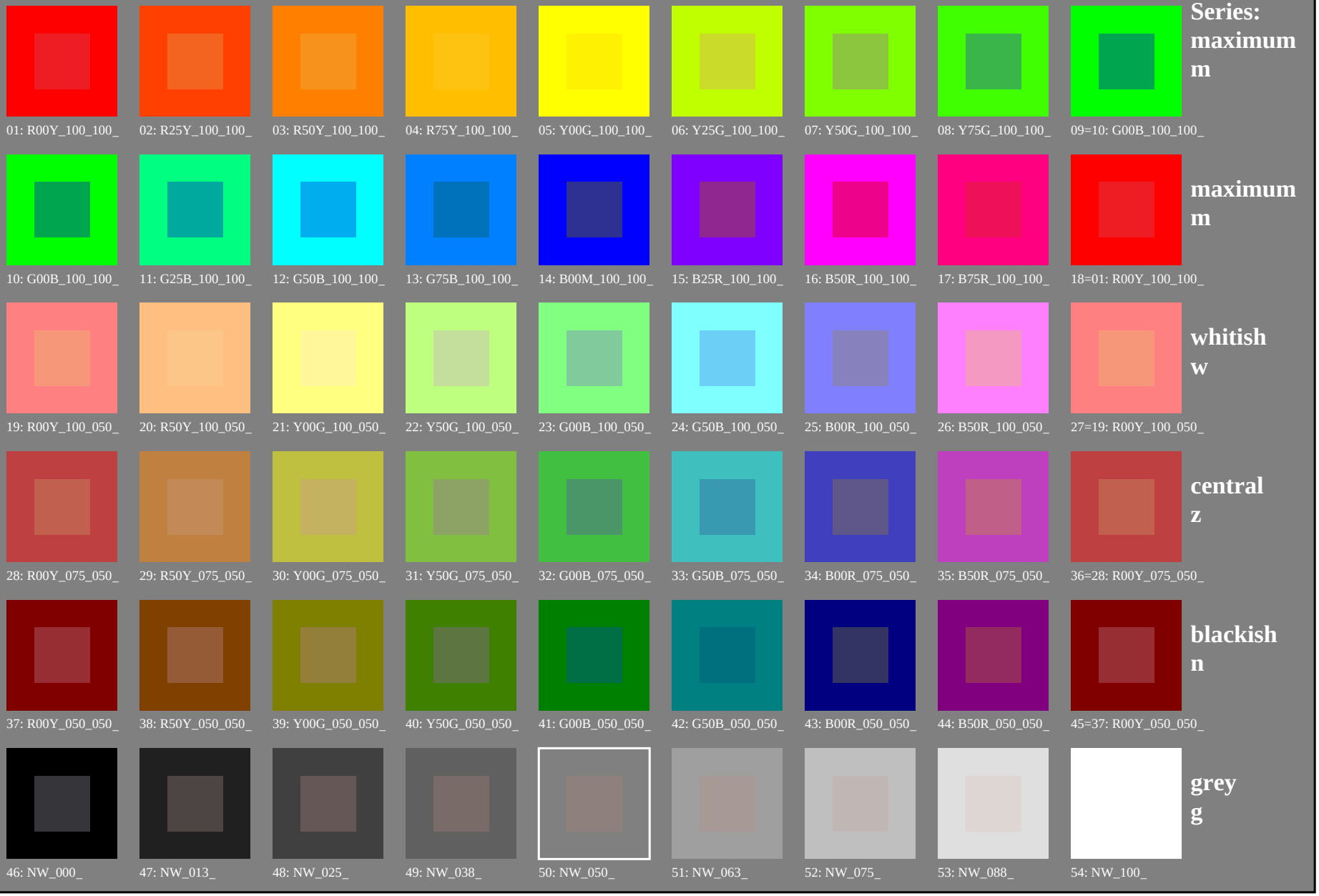
Test chart 1 for color rendering: 54 standard colours for D65; standard display *(sRGB)*



5−013030−L0 PN090−7N

TUB-test chart PN09; colour rendering; sRGB
54 standard colors; image technology

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

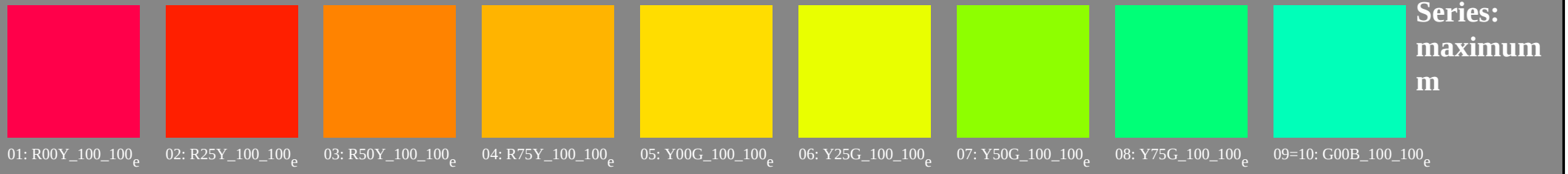
see similar files: http://130.149.60.45/~farbmetrik/PN09/PN09.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20130201-PN09/PN09L0NA.TXT /.PS
application for measurement of display output

TUB material: code=rha4ta

Test chart 1 for color rendering: 54 standard colours for D65; standard display *(sRGB); rgb−>rgb*e*

PN0901S



01: R00Y_100_100$_e$	02: R25Y_100_100$_e$	03: R50Y_100_100$_e$	04: R75Y_100_100$_e$	05: Y00G_100_100$_e$	06: Y25G_100_100$_e$	07: Y50G_100_100$_e$	08: Y75G_100_100$_e$	09=10: G00B_100_100$_e$	**Series: maximum**
10: G00B_100_100$_e$	11: G25B_100_100$_e$	12: G50B_100_100$_e$	13: G75B_100_100$_e$	14: B00M_100_100$_e$	15: B25R_100_100$_e$	16: B50R_100_100$_e$	17: B75R_100_100$_e$	18=01: R00Y_100_100$_e$	**maximum**
19: R00Y_100_050$_e$	20: R50Y_100_050$_e$	21: Y00G_100_050$_e$	22: Y50G_100_050$_e$	23: G00B_100_050$_e$	24: G50B_100_050$_e$	25: B00R_100_050$_e$	26: B50R_100_050$_e$	27=19: R00Y_100_050$_e$	**whitish**
28: R00Y_075_050$_e$	29: R50Y_075_050$_e$	30: Y00G_075_050$_e$	31: Y50G_075_050$_e$	32: G00B_075_050$_e$	33: G50B_075_050$_e$	34: B00R_075_050$_e$	35: B50R_075_050$_e$	36=28: R00Y_075_050$_e$	**central**
37: R00Y_050_050$_e$	38: R50Y_050_050$_e$	39: Y00G_050_050$_e$	40: Y50G_050_050$_e$	41: G00B_050_050$_e$	42: G50B_050_050$_e$	43: B00R_050_050$_e$	44: B50R_050_050$_e$	45=37: R00Y_050_050$_e$	**blackish**
46: NW_000$_e$	47: NW_013$_e$	48: NW_025$_e$	49: NW_038$_e$	50: NW_050$_e$	51: NW_063$_e$	52: NW_075$_e$	53: NW_088$_e$	54: NW_100$_e$	**grey**

http://130.149.60.45/~farbmetrik/PN09/PN09L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 3/18

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	0.263	50.9	78.3	37.3	86.7	25.4	1.0	0.0	0.0	50.4	76.9	64.5	100.4	39.9	27.2	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	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	0.156	50.6	77.6	50.9	92.9	33.2	1.0	0.125	0.0	51.5	73.9	64.9	98.3	41.3	14.4	381	1.0	0.0	0.156	50.6	77.6	50.9	92.9	33.2
2/666	R25Y_100_100$_e$	1.0	0.25	0.0	1.0	1.0	0.5	44	1.0	0.102	0.0	51.3	74.4	64.8	98.7	41.0	1.0	0.25	0.0	54.0	66.7	65.9	93.8	44.6	8.2	35	1.0	0.102	0.0	51.3	74.4	64.8	98.7	41.0
3/675	R38Y_100_100$_e$	1.0	0.375	0.0	1.0	1.0	0.5	52	1.0	0.358	0.0	57.6	56.9	67.8	88.5	49.9	1.0	0.375	0.0	58.2	55.4	67.9	87.7	50.7	1.5	50	1.0	0.358	0.0	57.6	56.9	67.8	88.5	49.9
4/684	R50Y_100_100$_e$	1.0	0.5	0.0	1.0	1.0	0.5	60	1.0	0.487	0.0	63.1	42.7	70.8	82.7	58.8	1.0	0.5	0.0	63.6	41.3	71.0	82.2	59.7	1.4	59	1.0	0.487	0.0	63.1	42.7	70.8	82.7	58.8
5/693	R63Y_100_100$_e$	1.0	0.625	0.0	1.0	1.0	0.5	68	1.0	0.589	0.0	68.2	30.2	74.2	80.1	67.8	1.0	0.625	0.0	70.1	25.8	75.0	79.3	71.0	4.9	65	1.0	0.589	0.0	68.2	30.2	74.2	80.1	67.8
6/702	R75Y_100_100$_e$	1.0	0.75	0.0	1.0	1.0	0.5	76	1.0	0.684	0.0	73.5	18.3	77.7	79.8	76.7	1.0	0.75	0.0	77.2	9.8	79.7	80.3	82.9	9.4	72	1.0	0.684	0.0	73.5	18.3	77.7	79.8	76.7
7/711	R88Y_100_100$_e$	1.0	0.875	0.0	1.0	1.0	0.5	83	1.0	0.767	0.0	78.3	7.7	80.7	81.0	84.5	1.0	0.875	0.0	84.8	−5.7	85.0	85.2	93.8	15.6	77	1.0	0.767	0.0	78.3	7.7	80.7	81.0	84.5
8/720	Y00G_100_100$_e$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3	1.0	1.0	0.0	92.6	−20.6	90.7	93.0	102.8	20.4	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
9/639	Y13G_100_100$_e$	0.875	1.0	0.0	1.0	1.0	0.5	97	1.0	0.966	0.0	90.5	−16.5	89.4	91.0	100.4	0.875	1.0	0.0	90.4	−33.0	88.1	94.1	110.5	16.6	88	1.0	0.966	0.0	90.5	−16.5	89.4	91.0	100.4
10/558	Y25G_100_100$_e$	0.75	1.0	0.0	1.0	1.0	0.5	104	0.906	1.0	0.0	91.0	−29.9	88.9	93.8	108.6	0.75	1.0	0.0	88.5	−44.9	85.8	96.8	117.6	15.4	94	0.906	1.0	0.0	91.0	−29.9	88.9	93.8	108.6
11/477	Y38G_100_100$_e$	0.625	1.0	0.0	1.0	1.0	0.5	112	0.743	1.0	0.0	88.4	−45.5	85.7	97.1	117.9	0.625	1.0	0.0	86.9	−55.7	83.9	100.7	123.6	10.5	104	0.743	1.0	0.0	88.4	−45.5	85.7	97.1	117.9
12/396	Y50G_100_100$_e$	0.5	1.0	0.0	1.0	1.0	0.5	120	0.528	1.0	0.0	85.9	−63.0	82.8	104.1	127.2	0.5	1.0	0.0	85.7	−65.2	82.4	105.1	128.3	2.2	118	0.528	1.0	0.0	85.9	−63.0	82.8	104.1	127.2
13/315	Y63G_100_100$_e$	0.375	1.0	0.0	1.0	1.0	0.5	128	0.0	1.0	0.072	83.6	−82.4	77.9	113.4	136.5	0.375	1.0	0.0	84.7	−72.8	81.2	109.1	131.8	10.2	153	0.0	1.0	0.072	83.6	−82.4	77.9	113.4	136.5
14/234	Y75G_100_100$_e$	0.25	1.0	0.0	1.0	1.0	0.5	136	0.0	1.0	0.436	84.1	−76.0	51.4	91.8	145.9	0.25	1.0	0.0	84.1	−78.2	80.4	112.2	134.1	29.1	175	0.0	1.0	0.436	84.1	−76.0	51.4	91.8	145.9
15/153	Y88G_100_100$_e$	0.125	1.0	0.0	1.0	1.0	0.5	143	0.0	1.0	0.593	84.6	−70.0	34.0	77.9	154.0	0.125	1.0	0.0	83.7	−81.4	80.0	114.2	135.5	47.3	186	0.0	1.0	0.593	84.6	−70.0	34.0	77.9	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	0.706	85.1	−64.6	20.7	67.9	162.2	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0	61.8	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	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	0.778	85.5	−60.7	12.2	61.9	168.6	0.0	1.0	0.125	83.6	−82.1	76.5	112.3	137.0	67.8	197	0.0	1.0	0.778	85.5	−60.7	12.2	61.9	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	0.838	85.8	−57.1	4.9	57.3	175.0	0.0	1.0	0.25	83.8	−80.5	69.1	106.1	139.3	68.3	201	0.0	1.0	0.838	85.8	−57.1	4.9	57.3	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	0.899	86.2	−53.2	−2.1	53.3	182.3	0.0	1.0	0.375	84.0	−77.7	58.1	97.1	143.2	65.1	204	0.0	1.0	0.899	86.2	−53.2	−2.1	53.3	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	0.951	86.5	−49.9	−8.4	50.6	189.6	0.0	1.0	0.5	84.3	−73.7	44.9	86.3	148.6	58.5	207	0.0	1.0	0.951	86.5	−49.9	−8.4	50.6	189.6
21/77	G63C_100_100$_e$	0.0	1.0	0.625	1.0	1.0	0.5	188	0.0	0.997	1.0	86.6	−45.9	−13.9	47.9	196.9	0.0	1.0	0.625	84.7	−68.5	30.6	75.0	155.9	50.0	210	0.0	0.997	1.0	86.6	−45.9	−13.9	47.9	196.9
22/78	G75C_100_100$_e$	0.0	1.0	0.75	1.0	1.0	0.5	196	0.0	0.958	1.0	83.9	−42.0	−18.9	46.1	204.2	0.0	1.0	0.75	85.3	−62.0	15.8	64.0	165.6	40.1	212	0.0	0.958	1.0	83.9	−42.0	−18.9	46.1	204.2
23/79	G88C_100_100$_e$	0.0	1.0	0.875	1.0	1.0	0.5	203	0.0	0.924	1.0	81.4	−38.3	−22.6	44.5	210.5	0.0	1.0	0.875	86.0	−54.5	1.0	54.5	178.8	29.1	213	0.0	0.924	1.0	81.4	−38.3	−22.6	44.5	210.5
24/80	C00B_100_100$_e$	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3	18.7	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
25/71	C13B_100_100$_e$	0.0	0.875	1.0	1.0	1.0	0.5	217	0.0	0.858	1.0	76.8	−30.8	−29.1	42.4	223.3	0.0	0.875	1.0	77.9	−32.3	−27.0	42.1	219.8	2.8	217	0.0	0.858	1.0	76.8	−30.8	−29.1	42.4	223.3
26/62	C25B_100_100$_e$	0.0	0.75	1.0	1.0	1.0	0.5	224	0.0	0.829	1.0	74.7	−27.7	−32.7	42.8	229.7	0.0	0.75	1.0	69.1	−17.0	−40.7	44.1	247.2	14.4	219	0.0	0.829	1.0	74.7	−27.7	−32.7	42.8	229.7
27/53	C38B_100_100$_e$	0.0	0.625	1.0	1.0	1.0	0.5	232	0.0	0.796	1.0	72.4	−23.6	−36.4	43.4	237.0	0.0	0.625	1.0	60.3	−0.1	−54.6	54.6	269.8	32.0	221	0.0	0.796	1.0	72.4	−23.6	−36.4	43.4	237.0
28/44	C50B_100_100$_e$	0.0	0.5	1.0	1.0	1.0	0.5	240	0.0	0.763	1.0	70.0	−19.0	−39.6	43.9	244.3	0.0	0.5	1.0	51.7	18.3	−68.3	70.7	285.0	50.5	223	0.0	0.763	1.0	70.0	−19.0	−39.6	43.9	244.3
29/35	C63B_100_100$_e$	0.0	0.375	1.0	1.0	1.0	0.5	248	0.0	0.725	1.0	67.4	−14.5	−43.8	46.2	251.6	0.0	0.375	1.0	43.8	37.6	−81.2	89.5	294.8	68.3	225	0.0	0.725	1.0	67.4	−14.5	−43.8	46.2	251.6
30/26	C75B_100_100$_e$	0.0	0.25	1.0	1.0	1.0	0.5	256	0.0	0.685	1.0	64.5	−9.4	−48.6	49.5	258.9	0.0	0.25	1.0	37.1	55.9	−92.3	107.9	301.1	83.2	227	0.0	0.685	1.0	64.5	−9.4	−48.6	49.5	258.9
31/17	C88B_100_100$_e$	0.0	0.125	1.0	1.0	1.0	0.5	263	0.0	0.649	1.0	62.0	−4.2	−52.3	52.5	265.3	0.0	0.125	1.0	32.4	69.6	−100.0	121.9	304.8	92.7	230	0.0	0.649	1.0	62.0	−4.2	−52.3	52.5	265.3
32/8	B00M_100_100$_e$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2	92.5	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
33/89	B13M_100_100$_e$	0.125	0.0	1.0	1.0	1.0	0.5	277	0.0	0.554	1.0	55.5	9.2	−63.0	63.6	278.3	0.125	0.0	1.0	31.0	76.2	−102.5	127.7	306.6	81.5	236	0.0	0.554	1.0	55.5	9.2	−63.0	63.6	278.3
34/170	B25M_100_100$_e$	0.25	0.0	1.0	1.0	1.0	0.5	284	0.0	0.5	1.0	51.8	18.3	−68.3	70.7	285.0	0.25	0.0	1.0	32.6	76.8	−99.8	125.9	307.5	69.2	239	0.0	0.5	1.0	51.8	18.3	−68.3	70.7	285.0
35/251	B38M_100_100$_e$	0.375	0.0	1.0	1.0	1.0	0.5	292	0.0	0.404	1.0	45.7	32.7	−78.6	85.1	292.5	0.375	0.0	1.0	35.1	77.9	−95.5	123.3	309.2	49.4	246	0.0	0.404	1.0	45.7	32.7	−78.6	85.1	292.5
36/332	B50M_100_100$_e$	0.5	0.0	1.0	1.0	1.0	0.5	300	0.0	0.27	1.0	38.2	52.7	−90.7	104.9	300.1	0.5	0.0	1.0	38.5	79.8	−89.7	120.1	311.6	27.1	254	0.0	0.27	1.0	38.2	52.7	−90.7	104.9	300.1
37/413	B63M_100_100$_e$	0.625	0.0	1.0	1.0	1.0	0.5	308	0.263	0.0	1.0	32.8	76.9	−99.3	125.7	307.7	0.625	0.0	1.0	42.7	82.5	−82.8	116.8	314.8	20.0	284	0.263	0.0	1.0	32.8	76.9	−99.3	125.7	307.7
38/494	B75M_100_100$_e$	0.75	0.0	1.0	1.0	1.0	0.5	316	0.638	0.0	1.0	43.2	82.9	−81.9	116.5	315.3	0.75	0.0	1.0	47.2	85.8	−75.1	114.1	318.8	8.4	309	0.638	0.0	1.0	43.2	82.9	−81.9	116.5	315.3
39/575	B88M_100_100$_e$	0.875	0.0	1.0	1.0	1.0	0.5	323	0.837	0.0	1.0	50.7	88.7	−69.4	112.6	321.9	0.875	0.0	1.0	52.1	89.8	−66.9	112.0	323.3	3.0	321	0.837	0.0	1.0	50.7	88.7	−69.4	112.6	321.9
40/656	M00R_100_100$_e$	1.0	0.0	1.0	1.0	1.0	0.5	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6	1.0	0.0	1.0	57.2	94.3	−58.4	111.0	328.2	1.0	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
41/655	M13R_100_100$_e$	1.0	0.0	0.875	1.0	1.0	0.5	337	1.0	0.0	0.855	55.4	89.9	−41.4	99.0	335.2	1.0	0.0	0.875	55.6	90.3	−43.9	100.4	334.0	2.5	337	1.0	0.0	0.855	55.4	89.9	−41.4	99.0	335.2
42/654	M25R_100_100$_e$	1.0	0.0	0.75	1.0	1.0	0.5	344	1.0	0.0	0.747	54.1	86.7	−28.3	91.2	341.8	1.0	0.0	0.75	54.2	86.7	−28.6	91.3	341.6	0.3	344	1.0	0.0	0.747	54.1	86.7	−28.3	91.2	341.8
43/653	M38R_100_100$_e$	1.0	0.0	0.625	1.0	1.0	0.5	352	1.0	0.0	0.65	53.2	84.5	−15.7	85.9	349.4	1.0	0.0	0.625	53.0	83.6	−12.6	84.6	351.4	3.1	350	1.0	0.0	0.65	53.2	84.5	−15.7	85.9	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	0.617	52.9	83.6	−11.6	84.4	352.0	1.0	0.0	0.5	52.0	81.1	4.1	81.2	2.9	16.0	352	1.0	0.0	0.617	52.9	83.6	−11.6	84.4	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	0.521	52.2	81.8	1.3	81.8	0.9	1.0	0.0	0.375	51.3	79.2	21.6	82.1	15.2	20.4	358	1.0	0.0	0.521	52.2	81.8	1.3	81.8	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	0.429	51.6	80.5	14.0	81.7	9.8	1.0	0.0	0.25	50.8	77.9	39.2	87.2	26.6	25.3	364	1.0	0.0	0.429	51.6	80.5	14.0	81.7	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	0.348	51.2	79.3	25.2	83.2	17.6	1.0	0.0	0.125	50.6	77.2	54.9	94.8	35.4	29.7	369	1.0	0.0	0.348	51.2	79.3	25.2	83.2	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	0.263	50.9	78.3	37.3	86.7	25.4	1.0	0.0	0.0	50.4	76.9	64.5	100.4	39.9	27.2	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
50/91	NW_013$_e$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	11.9	0.0	0.0	0.0	0.0	0.125	0.125	0.125	11.0	0.0	0.0	0.0	325.7	0.8	360	1.0	1.0	1.0	95.4	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	23.8	0.0	0.0	0.0	0.0	0.25	0.25	0.25	25.2	0.0	0.0	0.0	325.5	1.4	360	1.0	1.0	1.0	95.4	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	35.7	0.0	0.0	0.0	0.0	0.375	0.375	0.375	38.3	0.0	0.0	0.0	325.3	2.5	360	1.0	1.0	1.0	95.4	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	47.7	0.0	0.0	0.0	0.0	0.5	0.5	0.5	50.6	0.0	0.0	0.0	325.3	2.9	360	1.0	1.0	1.0	95.4	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	59.6	0.0	0.0	0.0	0.0	0.625	0.625	0.625	62.4	0.0	0.0	0.0	325.2	2.7	360	1.0	1.0	1.0	95.4	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	71.5	0.0	0.0	0.0	0.0	0.75	0.75	0.75	73.7	0.0	0.0	0.0	325.2	2.1	360	1.0	1.0	1.0	95.4	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	83.4	0.0	0.0	0.0	0.0	0.875	0.875	0.875	84.7	0.0	0.0	0.0	325.2	1.2	360	1.0	1.0	1.0	95.4	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	95.4	0.0	0.0	0.0	0.0	1.0	1.0	1.0	95.4	0.0	0.0	0.0	325.2	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0

delta *E' = 26.3**

see similar files: http://130.149.60.45/~farbmetrik/PN09/PN09.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20130201-PN09/PN09L0NA.TXT /.PS
application for measurement of display output, no separation

TUB material: code=rha4ta

5−013230−F0

PN090−7N, 3/18−F

TUB-test chart PN09; colour rendering; sRGB
colors and differences, Δ*E**', 3D=0, de=1, *sRGB*

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	0.263	50.9	78.3	37.3	86.7	25.4	1.0	0.0	0.0	50.4	76.9	64.5	100.4	39.9	27.2	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
1/666	R25Y_100_100$_e$	1.0	0.25	0.0	1.0	1.0	0.5	44	1.0	0.102	0.0	51.3	74.4	64.8	98.7	41.0	1.0	0.25	0.0	54.0	66.7	65.9	93.8	44.6	8.2	35	1.0	0.102	0.0	51.3	74.4	64.8	98.7	41.0
2/684	R50Y_100_100$_e$	1.0	0.5	0.0	1.0	1.0	0.5	60	1.0	0.487	0.0	63.1	42.7	70.8	82.7	58.8	1.0	0.5	0.0	63.6	41.3	71.0	82.2	59.7	1.4	59	1.0	0.487	0.0	63.1	42.7	70.8	82.7	58.8
3/702	R75Y_100_100$_e$	1.0	0.75	0.0	1.0	1.0	0.5	76	1.0	0.684	0.0	73.5	18.3	77.7	79.8	76.7	1.0	0.75	0.0	77.2	9.8	79.7	80.3	82.9	9.4	72	1.0	0.684	0.0	73.5	18.3	77.7	79.8	76.7
4/720	Y00G_100_100$_e$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3	1.0	1.0	0.0	92.6	−20.6	90.7	93.0	102.8	20.4	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
5/558	Y25G_100_100$_e$	0.75	1.0	0.0	1.0	1.0	0.5	104	0.906	1.0	0.0	91.0	−29.9	88.9	93.8	108.6	0.75	1.0	0.0	88.5	−44.9	85.8	96.8	117.6	15.4	94	0.906	1.0	0.0	91.0	−29.9	88.9	93.8	108.6
6/396	Y50G_100_100$_e$	0.5	1.0	0.0	1.0	1.0	0.5	120	0.528	1.0	0.0	85.9	−63.0	82.8	104.1	127.2	0.5	1.0	0.0	85.7	−65.2	82.4	105.1	128.3	2.2	118	0.528	1.0	0.0	85.9	−63.0	82.8	104.1	127.2
7/234	Y75G_100_100$_e$	0.25	1.0	0.0	1.0	1.0	0.5	136	0.0	1.0	0.436	84.1	−76.0	51.4	91.8	145.9	0.25	1.0	0.0	84.1	−78.2	80.4	112.2	134.1	29.1	175	0.0	1.0	0.436	84.1	−76.0	51.4	91.8	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	0.706	85.1	−64.6	20.7	67.9	162.2	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0	61.8	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	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	0.706	85.1	−64.6	20.7	67.9	162.2	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0	61.8	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	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	0.951	86.5	−49.9	−8.4	50.6	189.6	0.0	1.0	0.5	84.3	−73.7	44.9	86.3	148.6	58.5	207	0.0	1.0	0.951	86.5	−49.9	−8.4	50.6	189.6
11/80	G50B_100_100$_e$	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3	18.7	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
12/44	G75B_100_100$_e$	0.0	0.5	1.0	1.0	1.0	0.5	240	0.0	0.763	1.0	70.0	−19.0	−39.6	43.9	244.3	0.0	0.5	1.0	51.7	18.3	−68.3	70.7	285.0	50.5	223	0.0	0.763	1.0	70.0	−19.0	−39.6	43.9	244.3
13/8	B00M_100_100$_e$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2	92.5	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
14/332	B25R_100_100$_e$	0.5	0.0	1.0	1.0	1.0	0.5	300	0.0	0.27	1.0	38.2	52.7	−90.7	104.9	300.1	0.5	0.0	1.0	38.5	79.8	−89.7	120.1	311.6	27.1	254	0.0	0.27	1.0	38.2	52.7	−90.7	104.9	300.1
15/656	B50R_100_100$_e$	1.0	0.0	1.0	1.0	1.0	0.5	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6	1.0	0.0	1.0	57.2	94.3	−58.4	111.0	328.2	1.0	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	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	0.617	52.9	83.6	−11.6	84.4	352.0	1.0	0.0	0.5	52.0	81.1	4.1	81.2	2.9	16.0	352	1.0	0.0	0.617	52.9	83.6	−11.6	84.4	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	0.263	50.9	78.3	37.3	86.7	25.4	1.0	0.0	0.0	50.4	76.9	64.5	100.4	39.9	27.2	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	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	0.631	73.1	39.1	18.6	43.3	25.4	1.0	0.5	0.5	64.7	46.4	21.9	51.3	25.2	11.6	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
19/706	R50Y_100_050$_e$	1.0	0.75	0.5	1.0	0.5	0.75	60	1.0	0.743	0.5	79.2	21.3	35.4	41.3	58.8	1.0	0.75	0.5	78.0	15.0	39.2	42.0	69.0	7.5	59	1.0	0.487	0.0	63.1	42.7	70.8	82.7	58.8
20/724	Y00G_100_050$_e$	1.0	1.0	0.5	1.0	0.5	0.75	90	1.0	0.928	0.5	89.5	−1.7	42.2	42.2	92.3	1.0	1.0	0.5	93.2	−15.9	57.8	59.9	105.3	21.3	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
21/562	Y50G_100_050$_e$	0.75	1.0	0.5	1.0	0.5	0.75	120	0.764	1.0	0.5	90.7	−31.5	41.4	52.0	127.2	0.75	1.0	0.5	89.1	−38.7	51.9	64.8	126.7	12.9	118	0.528	1.0	0.0	85.9	−63.0	82.8	104.1	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	0.853	90.2	−32.3	10.3	33.9	162.2	0.5	1.0	0.5	86.3	−57.6	47.9	75.0	140.2	45.4	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
23/404	G50B_100_050$_e$	0.5	1.0	1.0	1.0	0.5	0.75	210	0.5	0.945	1.0	87.2	−17.1	−12.8	21.4	216.9	0.5	1.0	1.0	88.8	−33.9	−10.4	35.4	197.1	17.0	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
24/368	B00R_100_050$_e$	0.5	0.5	1.0	1.0	0.5	0.75	270	0.5	0.804	1.0	77.3	0.8	−28.3	28.3	271.7	0.5	0.5	1.0	56.0	31.9	−61.1	69.0	297.5	50.0	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
25/692	B50R_100_050$_e$	1.0	0.5	1.0	1.0	0.5	0.75	330	1.0	0.5	0.995	76.3	47.0	−28.7	55.1	328.6	1.0	0.5	1.0	68.6	62.6	−40.5	74.6	327.0	20.9	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	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	0.631	73.1	39.1	18.6	43.3	25.4	1.0	0.5	0.5	64.7	46.4	21.9	51.3	25.2	11.6	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	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	0.381	49.3	39.1	18.6	43.3	25.4	0.75	0.25	0.25	43.3	48.9	27.4	56.0	29.2	14.4	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
28/524	R50Y_075_050$_e$	0.75	0.5	0.25	0.75	0.5	0.5	60	0.75	0.493	0.25	55.4	21.3	35.4	41.3	58.8	0.75	0.5	0.25	55.8	17.8	42.0	45.6	66.9	7.5	59	1.0	0.487	0.0	63.1	42.7	70.8	82.7	58.8
29/542	Y00G_075_050$_e$	0.75	0.75	0.25	0.75	0.5	0.5	90	0.75	0.678	0.25	65.7	−1.7	42.2	42.2	92.3	0.75	0.75	0.25	71.7	−14.8	58.9	60.8	104.1	22.1	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
30/380	Y50G_075_050$_e$	0.5	0.75	0.25	0.75	0.5	0.5	120	0.514	0.75	0.25	66.8	−31.5	41.4	52.0	127.2	0.5	0.75	0.25	67.6	−39.2	53.4	66.3	126.3	14.3	118	0.528	1.0	0.0	85.9	−63.0	82.8	104.1	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	0.603	66.4	−32.3	10.3	33.9	162.2	0.25	0.75	0.25	65.2	−56.7	50.2	75.8	138.5	46.7	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
32/222	G50B_075_050$_e$	0.25	0.75	0.75	0.75	0.5	0.5	210	0.25	0.695	0.75	63.3	−17.1	−12.8	21.4	216.9	0.25	0.75	0.75	67.5	−32.5	−9.7	33.9	196.7	16.2	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
33/186	B00R_075_050$_e$	0.25	0.25	0.75	0.75	0.5	0.5	270	0.25	0.554	0.75	53.4	0.8	−28.3	28.3	271.7	0.25	0.25	0.75	32.9	38.5	−64.1	74.8	301.0	55.8	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
34/510	B50R_075_050$_e$	0.75	0.25	0.75	0.75	0.5	0.5	330	0.75	0.25	0.745	52.4	47.0	−28.7	55.1	328.6	0.75	0.25	0.75	47.5	63.1	−39.9	74.6	327.6	20.1	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	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	0.381	49.3	39.1	18.6	43.3	25.4	0.75	0.25	0.25	43.3	48.9	27.4	56.0	29.2	14.4	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	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	0.131	25.4	39.1	18.6	43.3	25.4	0.5	0.0	0.0	23.7	46.0	35.7	58.2	37.8	18.5	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
37/342	R50Y_050_050$_e$	0.5	0.25	0.0	0.5	0.5	0.25	60	0.5	0.243	0.0	31.5	21.3	35.4	41.3	58.8	0.5	0.25	0.0	32.3	22.9	42.9	48.6	61.8	7.6	59	1.0	0.487	0.0	63.1	42.7	70.8	82.7	58.8
38/360	Y00G_050_050$_e$	0.5	0.5	0.0	0.5	0.5	0.25	90	0.5	0.428	0.0	41.8	−1.7	42.2	42.2	92.3	0.5	0.5	0.0	48.9	−12.3	54.2	55.6	102.8	17.5	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
39/198	Y50G_050_050$_e$	0.25	0.5	0.0	0.5	0.5	0.25	120	0.264	0.5	0.0	42.9	−31.5	41.4	52.0	127.2	0.25	0.5	0.0	44.9	−37.9	49.4	62.3	127.5	10.4	118	0.528	1.0	0.0	85.9	−63.0	82.8	104.1	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	0.353	42.5	−32.3	10.3	33.9	162.2	0.0	0.5	0.0	43.5	−49.5	47.7	68.8	136.0	41.1	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
41/40	G50B_050_050$_e$	0.0	0.5	0.5	0.5	0.5	0.25	210	0.0	0.445	0.5	39.5	−17.1	−12.8	21.4	216.9	0.0	0.5	0.5	45.5	−27.6	−8.1	28.7	196.3	12.9	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
42/4	B00R_050_050$_e$	0.0	0.0	0.5	0.5	0.5	0.25	270	0.0	0.304	0.5	29.6	0.8	−28.3	28.3	271.7	0.0	0.0	0.5	11.7	45.5	−61.9	76.8	306.2	58.7	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
43/328	B50R_050_050$_e$	0.5	0.0	0.5	0.5	0.5	0.25	330	0.5	0.0	0.495	28.5	47.0	−28.7	55.1	328.6	0.5	0.0	0.5	27.8	56.4	−34.9	66.3	328.2	11.2	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	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	0.131	25.4	39.1	18.6	43.3	25.4	0.5	0.0	0.0	23.7	46.0	35.7	58.2	37.8	18.5	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
46/91	NW_013$_e$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	11.9	0.0	0.0	0.0	0.0	0.125	0.125	0.125	11.0	0.0	0.0	0.0	0.0	325.7	0.8	360	1.0	1.0	1.0	95.4	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	23.8	0.0	0.0	0.0	0.0	0.25	0.25	0.25	25.2	0.0	0.0	0.0	0.0	325.5	1.4	360	1.0	1.0	1.0	95.4	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	35.7	0.0	0.0	0.0	0.0	0.375	0.375	0.375	38.3	0.0	0.0	0.0	0.0	325.3	2.5	360	1.0	1.0	1.0	95.4	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	47.7	0.0	0.0	0.0	0.0	0.5	0.5	0.5	50.6	0.0	0.0	0.0	0.0	325.3	2.9	360	1.0	1.0	1.0	95.4	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	59.6	0.0	0.0	0.0	0.0	0.625	0.625	0.625	62.4	0.0	0.0	0.0	0.0	325.2	2.7	360	1.0	1.0	1.0	95.4	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	71.5	0.0	0.0	0.0	0.0	0.75	0.75	0.75	73.7	0.0	0.0	0.0	0.0	325.2	2.1	360	1.0	1.0	1.0	95.4	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	83.4	0.0	0.0	0.0	0.0	0.875	0.875	0.875	84.7	0.0	0.0	0.0	0.0	325.2	1.2	360	1.0	1.0	1.0	95.4	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	95.4	0.0	0.0	0.0	0.0	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	325.2	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0

delta *E' = 21.3**

5−013330−F0

TUB-test chart PN09; colour rendering; sRGB
colors and differences, Δ*E**', 3D=0, de=1, *sRGB*

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

5−013330−F0

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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1	B00R_012_012e	0.0	0.0	0.125	0.125	0.125	0.062	270	0.0	0.076	0.125	7.4	0.2	-7.0	7.0	271.7	0.0	0.0	0.125	0.8	5.8	-15.5	16.6	290.4	12.1	232	0.0	0.609	1.0	59.2	1.7	-56.6	56.6	271.7
2	B00R_025_025e	0.0	0.0	0.25	0.25	0.25	0.125	270	0.0	0.152	0.25	14.8	0.4	-14.1	14.1	271.7	0.0	0.0	0.25	2.9	20.6	-35.3	40.9	300.2	31.6	232	0.0	0.609	1.0	59.2	1.7	-56.6	56.6	271.7
3	B00R_037_037e	0.0	0.0	0.375	0.375	0.375	0.187	270	0.0	0.228	0.375	22.2	0.6	-21.2	21.2	271.7	0.0	0.0	0.375	6.7	36.7	-50.3	62.3	306.1	48.9	232	0.0	0.609	1.0	59.2	1.7	-56.6	56.6	271.7
4	B00R_050_050e	0.0	0.0	0.5	0.5	0.5	0.25	270	0.0	0.304	0.5	29.6	0.8	-28.3	28.3	271.7	0.0	0.0	0.5	11.7	45.5	-61.9	76.8	306.2	58.7	232	0.0	0.609	1.0	59.2	1.7	-56.6	56.6	271.7
5	B00R_062_062e	0.0	0.0	0.625	0.625	0.625	0.312	270	0.0	0.38	0.625	37.0	1.0	-35.3	35.3	271.7	0.0	0.0	0.625	16.6	53.5	-72.9	90.4	306.2	67.6	232	0.0	0.609	1.0	59.2	1.7	-56.6	56.6	271.7
6	B00R_075_075e	0.0	0.0	0.75	0.75	0.75	0.375	270	0.0	0.457	0.75	44.4	1.2	-42.4	42.4	271.7	0.0	0.0	0.75	21.3	61.2	-83.4	103.5	306.2	76.2	232	0.0	0.609	1.0	59.2	1.7	-56.6	56.6	271.7
7	B00R_087_087e	0.0	0.0	0.875	0.875	0.875	0.437	270	0.0	0.533	0.875	51.8	1.5	-49.5	49.5	271.7	0.0	0.0	0.875	25.9	68.7	-93.6	116.1	306.2	84.5	232	0.0	0.609	1.0	59.2	1.7	-56.6	56.6	271.7
8	B00R_100_100e	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.609	1.0	59.2	1.7	-56.6	56.6	271.7	0.0	0.0	1.0	30.3	76.0	-103.5	128.5	306.2	92.5	232	0.0	0.609	1.0	59.2	1.7	-56.6	56.6	271.7
9	G00B_012_012e	0.0	0.125	0.0	0.125	0.125	0.062	150	0.0	0.125	0.088	10.6	-8.0	2.5	8.4	162.2	0.0	0.125	0.0	8.2	-16.7	11.9	20.6	144.4	13.0	193	0.0	1.0	0.706	85.1	-64.6	20.7	67.9	162.2
10	G50B_012_012e	0.0	0.125	0.125	0.125	0.125	0.062	210	0.0	0.111	0.125	9.8	-4.2	-3.2	5.3	216.9	0.0	0.125	0.125	8.9	-10.7	-3.3	11.2	197.0	6.5	215	0.0	0.89	1.0	79.0	-34.2	-25.7	42.8	216.9
11	G75B_025_025e	0.0	0.125	0.25	0.25	0.25	0.125	240	0.0	0.19	0.25	17.5	-4.7	-9.9	10.9	244.3	0.0	0.125	0.25	10.8	3.0	-22.5	22.7	277.6	16.3	223	0.0	0.763	1.0	70.0	-19.0	-39.6	43.9	244.3
12	G84B_037_037e	0.0	0.125	0.375	0.375	0.375	0.187	251	0.0	0.266	0.375	24.8	-4.7	-17.1	17.8	254.3	0.0	0.125	0.375	13.5	17.5	-39.0	42.8	294.1	33.2	226	0.0	0.71	1.0	66.3	-12.7	-45.7	47.4	254.3
13	G88B_050_050e	0.0	0.125	0.5	0.5	0.5	0.25	256	0.0	0.342	0.5	32.2	-4.7	-24.3	24.7	258.9	0.0	0.125	0.5	16.8	30.3	-53.4	61.4	299.6	48.1	227	0.0	0.685	1.0	64.5	-9.4	-48.6	49.5	258.9
14	G90B_062_062e	0.0	0.125	0.625	0.625	0.625	0.312	259	0.0	0.418	0.625	39.6	-4.5	-31.4	31.7	261.6	0.0	0.125	0.625	20.5	41.6	-66.3	78.3	302.1	61.0	228	0.0	0.67	1.0	63.4	-7.3	-50.3	50.8	261.6
15	G92B_075_075e	0.0	0.125	0.75	0.75	0.75	0.375	261	0.0	0.494	0.75	47.0	-4.3	-38.5	38.7	263.5	0.0	0.125	0.75	24.4	51.7	-78.2	93.8	303.5	72.3	229	0.0	0.659	1.0	62.7	-5.8	-51.3	51.7	263.5
16	G93B_087_087e	0.0	0.125	0.875	0.875	0.875	0.437	262	0.0	0.573	0.875	54.6	-4.4	-45.3	45.6	264.4	0.0	0.125	0.875	28.4	61.0	-89.4	108.2	304.3	83.0	229	0.0	0.654	1.0	62.4	-5.0	-51.8	52.1	264.4
17	G94B_100_100e	0.0	0.125	1.0	1.0	1.0	0.5	263	0.0	0.649	1.0	62.0	-4.2	-52.3	52.5	265.3	0.0	0.125	1.0	32.4	69.6	-100.0	121.9	304.8	92.7	230	0.0	0.649	1.0	62.0	-4.2	-52.3	52.5	265.3
18	G00B_025_025e	0.0	0.25	0.0	0.25	0.25	0.125	150	0.0	0.25	0.176	21.2	-16.1	5.1	16.9	162.2	0.0	0.25	0.0	20.9	-30.6	28.3	41.7	137.2	27.3	193	0.0	1.0	0.706	85.1	-64.6	20.7	67.9	162.2
19	G25B_025_025e	0.0	0.25	0.125	0.25	0.25	0.125	180	0.0	0.25	0.237	21.6	-12.4	-2.1	12.6	189.6	0.0	0.25	0.125	21.2	-26.3	13.8	29.7	152.3	21.1	207	0.0	1.0	0.951	86.5	-49.9	-8.4	50.6	189.6
20	G50B_025_025e	0.0	0.25	0.25	0.25	0.25	0.125	210	0.0	0.222	0.25	19.7	-8.5	-6.4	10.7	216.9	0.0	0.25	0.25	22.1	-17.1	-5.0	17.8	196.3	8.9	215	0.0	0.89	1.0	79.0	-34.2	-25.7	42.8	216.9
21	G65B_037_037e	0.0	0.25	0.375	0.375	0.375	0.187	229	0.0	0.303	0.375	27.4	-9.4	-13.1	16.2	234.3	0.0	0.25	0.375	23.5	-4.6	-22.9	23.4	258.4	11.5	220	0.0	0.808	1.0	73.3	-25.2	-35.1	43.2	234.3
22	G75B_050_050e	0.0	0.25	0.5	0.5	0.5	0.25	240	0.0	0.381	0.5	35.0	-9.5	-19.8	21.9	244.3	0.0	0.25	0.5	25.5	8.7	-39.2	40.2	282.5	28.3	223	0.0	0.763	1.0	70.0	-19.0	-39.6	43.9	244.3
23	G80B_062_062e	0.0	0.25	0.625	0.625	0.625	0.312	247	0.0	0.456	0.625	42.3	-9.4	-27.0	28.6	250.7	0.0	0.25	0.625	27.9	21.8	-54.1	58.3	291.9	43.7	225	0.0	0.73	1.0	67.7	-15.1	-43.2	45.7	250.7
24	G84B_075_075e	0.0	0.25	0.75	0.75	0.75	0.375	251	0.0	0.532	0.75	49.7	-9.5	-34.3	35.6	254.3	0.0	0.25	0.75	30.7	34.0	-67.7	75.8	296.6	58.1	226	0.0	0.71	1.0	66.3	-12.7	-45.7	47.4	254.3
25	G86B_087_087e	0.0	0.25	0.875	0.875	0.875	0.437	254	0.0	0.608	0.875	57.1	-9.4	-41.5	42.6	257.1	0.0	0.25	0.875	33.8	45.4	-80.4	92.3	299.4	71.1	227	0.0	0.695	1.0	65.2	-10.8	-47.5	48.7	257.1
26	G88B_100_100e	0.0	0.25	1.0	1.0	1.0	0.5	256	0.0	0.685	1.0	64.5	-9.4	-48.6	49.5	258.9	0.0	0.25	1.0	37.1	55.9	-92.3	107.9	301.1	83.2	227	0.0	0.685	1.0	64.5	-9.4	-48.6	49.5	258.9
27	G00B_037_037e	0.0	0.375	0.0	0.375	0.375	0.187	150	0.0	0.375	0.264	31.9	-24.2	7.7	25.4	162.2	0.0	0.375	0.0	32.5	-40.3	38.9	56.1	136.0	35.1	193	0.0	1.0	0.706	85.1	-64.6	20.7	67.9	162.2
28	G15B_037_037e	0.0	0.375	0.125	0.375	0.375	0.187	169	0.0	0.375	0.33	32.2	-20.3	0.1	20.3	179.5	0.0	0.375	0.125	32.7	-37.7	27.7	46.9	143.6	32.6	203	0.0	1.0	0.88	86.0	-54.3	0.4	54.3	179.5
29	G34B_037_037e	0.0	0.375	0.25	0.375	0.375	0.187	191	0.0	0.368	0.375	32.1	-16.7	-5.9	17.7	199.6	0.0	0.375	0.25	33.2	-31.7	11.0	33.6	160.8	22.7	210	0.0	0.982	1.0	85.6	-44.5	-15.8	47.3	199.6
30	G50B_037_037e	0.0	0.375	0.375	0.375	0.375	0.187	210	0.0	0.333	0.375	29.6	-12.8	-9.6	16.0	216.9	0.0	0.375	0.375	34.1	-22.5	-6.6	23.4	196.3	11.1	215	0.0	0.89	1.0	79.0	-34.2	-25.7	42.8	216.9
31	G61B_050_050e	0.0	0.375	0.5	0.5	0.5	0.25	224	0.0	0.414	0.5	37.3	-13.8	-16.3	21.4	229.7	0.0	0.375	0.5	35.4	-11.1	-23.5	26.0	244.6	7.9	219	0.0	0.829	1.0	74.7	-27.7	-32.7	42.8	229.7
32	G69B_062_062e	0.0	0.375	0.625	0.625	0.625	0.312	233	0.0	0.495	0.625	45.0	-14.4	-23.0	27.1	237.9	0.0	0.375	0.625	37.0	1.1	-39.4	39.4	271.7	24.0	221	0.0	0.792	1.0	72.1	-23.0	-36.8	43.4	237.9
33	G75B_075_075e	0.0	0.375	0.75	0.75	0.75	0.375	240	0.0	0.572	0.75	52.5	-14.2	-29.7	32.9	244.3	0.0	0.375	0.75	39.0	13.7	-54.2	56.0	284.1	39.6	223	0.0	0.763	1.0	70.0	-19.0	-39.6	43.9	244.3
34	G79B_087_087e	0.0	0.375	0.875	0.875	0.875	0.437	245	0.0	0.648	0.875	59.9	-14.1	-36.7	39.3	248.9	0.0	0.375	0.875	41.3	25.9	-68.1	72.9	290.8	54.2	224	0.0	0.74	1.0	68.4	-16.1	-41.9	44.9	248.9
35	G81B_100_100e	0.0	0.375	1.0	1.0	1.0	0.5	248	0.0	0.725	1.0	67.4	-14.5	-43.8	46.2	251.6	0.0	0.375	1.0	43.8	37.6	-81.2	89.5	294.8	68.3	225	0.0	0.725	1.0	67.4	-14.5	-43.8	46.2	251.6
36	G00B_050_050e	0.0	0.5	0.0	0.5	0.5	0.25	150	0.0	0.5	0.353	42.5	-32.3	10.3	33.9	162.2	0.0	0.5	0.0	43.5	-49.5	47.7	68.8	136.0	41.1	193	0.0	1.0	0.706	85.1	-64.6	20.7	67.9	162.2
37	G11B_050_050e	0.0	0.5	0.125	0.5	0.5	0.25	164	0.0	0.5	0.419	42.9	-28.5	2.4	28.6	175.0	0.0	0.5	0.125	43.7	-47.7	39.5	62.0	140.3	41.7	201	0.0	1.0	0.838	85.8	-57.1	4.9	57.3	175.0
38	G25B_050_050e	0.0	0.5	0.25	0.5	0.5	0.25	180	0.0	0.5	0.475	43.2	-24.9	-4.2	25.3	189.6	0.0	0.5	0.25	44.0	-43.5	25.2	50.3	149.9	34.8	207	0.0	1.0	0.951	86.5	-49.9	-8.4	50.6	189.6
39	G38B_050_050e	0.0	0.5	0.375	0.5	0.5	0.25	196	0.0	0.479	0.5	41.9	-21.0	-9.4	23.0	204.2	0.0	0.5	0.375	44.6	-36.7	8.6	37.7	166.7	24.0	212	0.0	0.958	1.0	83.9	-42.0	-18.9	46.1	204.2
40	G50B_050_050e	0.0	0.5	0.5	0.5	0.5	0.25	210	0.0	0.445	0.5	39.5	-17.1	-12.8	21.4	216.9	0.0	0.5	0.5	45.5	-27.6	-8.1	28.7	196.3	12.9	215	0.0	0.89	1.0	79.0	-34.2	-25.7	42.8	216.9
41	G59B_062_062e	0.0	0.5	0.625	0.625	0.625	0.312	221	0.0	0.526	0.625	47.2	-18.1	-19.5	26.6	227.0	0.0	0.5	0.625	46.6	-16.9	-24.3	29.6	235.0	4.9	218	0.0	0.842	1.0	75.6	-29.1	-31.2	42.6	227.0
42	G65B_075_075e	0.0	0.5	0.75	0.75	0.75	0.375	229	0.0	0.606	0.75	54.9	-18.9	-26.3	32.4	234.3	0.0	0.5	0.75	48.1	-5.4	-39.7	40.1	262.2	20.2	220	0.0	0.808	1.0	73.3	-25.2	-35.1	43.2	234.3
43	G70B_087_087e	0.0	0.5	0.875	0.875	0.875	0.437	235	0.0	0.686	0.875	62.5	-19.2	-32.9	38.1	239.7	0.0	0.5	0.875	49.8	6.4	-54.4	54.8	276.7	35.7	221	0.0	0.784	1.0	71.5	-21.9	-37.7	43.6	239.7
44	G75B_100_100e	0.0	0.5	1.0	1.0	1.0	0.5	240	0.0	0.763	1.0	70.0	-19.0	-39.6	43.9	244.3	0.0	0.5	1.0	51.7	18.3	-68.3	70.7	285.0	50.5	223	0.0	0.763	1.0	70.0	-19.0	-39.6	43.9	244.3
45	G00B_062_062e	0.0	0.625	0.0	0.625	0.625	0.312	150	0.0	0.625	0.441	53.2	-40.4	12.9	42.4	162.2	0.0	0.625	0.0	54.1	-58.2	56.2	80.9	136.0	46.7	193	0.0	1.0	0.706	85.1	-64.6	20.7	67.9	162.2
46	G09B_062_062e	0.0	0.625	0.125	0.625	0.625	0.312	161	0.0	0.625	0.507	53.5	-36.7	4.9	37.0	172.2	0.0	0.625	0.125	54.2	-56.9	49.9	75.7	138.7	49.3	199	0.0	1.0	0.812	85.7	-58.7	7.9	59.3	172.2
47	G19B_062_062e	0.0	0.625	0.25	0.625	0.625	0.312	173	0.0	0.625	0.566	53.9	-33.0	-1.8	33.1	183.2	0.0	0.625	0.25	54.4	-53.8	37.8	65.8	144.9	44.8	205	0.0	1.0	0.906	86.2	-52.8	-2.9	52.9	183.2
48	G30B_062_062e	0.0	0.625	0.375	0.625	0.625	0.312	187	0.0	0.625	0.623	54.2	-29.0	-8.3	30.1	195.9	0.0	0.625	0.375	54.8	-48.6	22.6	53.6	155.0	36.6	209	0.0	1.0	0.997	86.8	-46.4	-13.2	48.2	195.9
49	G40B_062_062e	0.0	0.625	0.5	0.625	0.625	0.312	199	0.0	0.589	0.625	51.7	-25.3	-12.8	28.4	206.9	0.0	0.625	0.5	55.5	-41.3	6.5	41.8	171.0	25.4	212	0.0	0.943	1.0	82.8	-40.5	-20.5	45.4	206.9
50	G50B_062_062e	0.0	0.625	0.625	0.625	0.625	0.312	210	0.0	0.556	0.625	49.4	-21.4	-16.1	26.8	216.9	0.0	0.625	0.625	56.3	-32.4	-9.5	33.8	196.3	14.6	215	0.0	0.89	1.0	79.0	-34.2	-25.7	42.8	216.9
51	G57B_075_075e	0.0	0.625	0.75	0.75	0.75	0.375	219	0.0	0.637	0.75	57.1	-22.4	-22.6	31.9	225.1	0.0	0.625	0.75	57.4	-22.3	-25.1	33.6	228.3	2.5	217	0.0	0.85	1.0	76.2	-29.9	-30.1	42.5	225.1
52	G63B_087_087e	0.0	0.625	0.875	0.875	0.875	0.437	226	0.0	0.718	0.875	64.9	-23.3	-29.4	37.6	231.5	0.0	0.625	0.875	58.7	-11.4	-40.2	41.8	254.0	17.1	219	0.0	0.821	1.0	74.1	-26.7	-33.7	43.0	231.5
53	G68B_100_100e	0.0	0.625	1.0	1.0	1.0	0.5	232	0.0	0.796	1.0	72.4	-23.6	-36.4	43.4	237.0	0.0	0.625	1.0	60.3	-0.1	-54.6	54.6	269.8	32.0	221	0.0	0.796	1.0	72.4	-23.6	-36.4	43.4	237.0
54	G00B_075_075e	0.0	0.75	0.0	0.75	0.75	0.375	150	0.0	0.75	0.529	63.8	-48.5	15.5	50.9	162.2	0.0	0.75	0.0	64.2	-66.6	64.3	92.6	136.0	52.0	193	0.0	1.0	0.706	85.1	-64.6	20.7	67.9	162.2
55	G07B_075_075e	0.0	0.75	0.125	0.75	0.75	0.375	159	0.0	0.75	0.596	64.2	-44.8	7.5	45.4	170.4	0.0	0.75	0.125	64.3	-65.6	59.4	88.5	137.8	55.9	198	0.0	1.0	0.795	85.6	-59.7	10.0	60.6	170.4
56	G15B_075_075e	0.0	0.75	0.25	0.75	0.75	0.375	169	0.0	0.75	0.66	64.5	-40.7	0.3	40.7	179.5	0.0	0.75	0.25	64.5	-63.2	49.1	80.1	142.1	53.8	203	0.0	1.0	0.88	86.0	-54.3	0.4	54.3	179.5
57	G25B_075_075e	0.0	0.75	0.375	0.75	0.75	0.375	180	0.0	0.75	0.713	64.9	-37.4	-6.3	37.9	189.6	0.0	0.75	0.375	64.8	-59.1	35.4	68.9	149.0	47.0	207	0.0	1.0	0.951	86.5	-49.9	-8.4	50.6	189.6
58	G34B_075_075e	0.0	0.75	0.5	0.75	0.75	0.375	191	0.0	0.736	0.75	64.2	-33.4	-11.9	35.4	199.6	0.0	0.75	0.5	65.3	-53.3	20.1	57.0	159.2	37.8	210	0.0	0.982	1.0	85.6	-44.5	-15.8	47.3	199.6
59	G42B_075_075e	0.0	0.75	0.625	0.75	0.75	0.375	201	0.0	0.7	0.75	61.6	-29.5	-16.2	33.7	208.7	0.0	0.75	0.625	66.0	-45.8	4.5	46.1	174.3	26.8	213	0.0	0.933	1.0	82.1	-39.4	-21.6	44.9	208.7
60	G50B_075_075e	0.0	0.75	0.75	0.75	0.75	0.375	210	0.0	0.667	0.75	59.3	-25.6	-19.3	32.1	216.9	0.0	0.75	0.75	66.8	-37.1	-10.9	38.7	196.3	16.1	215	0.0	0.89	1.0	79.0	-34.2	-25.7	42.8	216.9
61	G56B_087_087e	0.0	0.75	0.875	0.875	0.875	0.437	218	0.0	0.747	0.875	66.9	-26.6	-25.9	37.1	224.2	0.0	0.75	0.875	67.8	-27.4	-26.0	37.8	223.5	1.2	217	0.0	0.854	1.0	76.5	-30.4	-29.6	42.4	224.2
62	G61B_100_100e	0.0	0.75	1.0	1.0	1.0	0.5	224	0.0	0.829	1.0	74.7	-27.7	-32.7	42.8	229.7	0.0	0.75	1.0	69.1	-17.0	-40.7	44.1	247.2	14.4	219	0.0	0.829	1.0	74.7	-27.7	-32.7	42.8	229.7
63	G00B_087_087e	0.0	0.875	0.0	0.875	0.875	0.437	150	0.0	0.875	0.617	74.5	-56.5	18.1	59.4	162.2	0.0	0.875	0.0	74.0	-74.8	72.2	103.9	136.0	57.0	193	0.0	1.0	0.706	85.1	-64.6	20.7	67.9	162.2
64	G06B_087_087e	0.0	0.875	0.125	0.875	0.875	0.437	158	0.0	0.875	0.688	74.8	-52.7	9.7	53.6	169.5	0.0	0.875	0.125	74.1	-74.0	68.2	100.7	137.3	62.2	198	0.0	1.0	0.786	85.5	-60.2	11.1	61.2	169.5
65	G13B_087_087e	0.0	0.875	0.25	0.875	0.875	0.437	166	0.0	0.875	0.748	75.1	-48.9	2.7	49.0	176.8	0.0	0.875	0.25	74.2	-72.1	59.5	93.5	140.4	61.3	202	0.0	1.0	0.855	85.9	-55.9	3.1	56.0	176.8
66	G20B_087_087e	0.0	0.875	0.375	0.875	0.875	0.437	175	0.0	0.875	0.804	75.5	-45.5	-4.0	45.7	185.0	0.0	0.875	0.375	74.5	-68.7	47.2	83.4	145.5	56.2	205	0.0	1.0	0.919	86.3	-52.1	-4.5	52.3	185.0
67	G29B_087_087e	0.0	0.875	0.5	0.875	0.875	0.437	185	0.0	0.875	0.861	75.9	-41.5	-10.4	42.8	194.1	0.0	0.875	0.5	74.9	-63.9	32.9	71.9	152.7	48.9	209	0.0	1.0	0.984	86.7	-47.4	-11.9	48.9	194.1
68	G36B_087_087e	0.0	0.875	0.625	0.875	0.875	0.437	194	0.0	0.847	0.875	74.0	-37.7	-15.5	40.7	202.3	0.0	0.875	0.625	75.4	-57.7	17.9	60.4	162.7	39.0	211	0.0	0.968	1.0	84.6	-43.0	-17.7	46.6	202.3
69	G43B_087_087e	0.0	0.875	0.75	0.875	0.875	0.437	202	0.0	0.812	0.875	71.6	-34.0	-19.3	39.1	209.6	0.0	0.875	0.75	76.1	-50.2	2.7	50.3	176.8	27.8	213	0.0	0.929	1.0	81.8	-38.8	-22.1	44.7	209.6
70	G50B_087_087e	0.0	0.875	0.875	0.875	0.875	0.437	210	0.0	0.778	0.875	69.1	-29.9	-22.5	37.5	216.9	0.0	0.875	0.875	77.0	-41.7	-12.2	43.5	196.3	17.4	215	0.0	0.89	1.0	79.0	-34.2	-25.7	42.8	216.9
71	G55B_100_100e	0.0	0.875	1.0	1.0	1.0	0.5	217	0.0	0.858	1.0	76.8	-30.8	-29.1	42.4	223.3	0.0	0.875	1.0	77.9	-32.3	-27.0	42.1	219.8	2.8	217	0.0	0.858	1.0	76.8	-30.8	-29.1	42.4	223.3
72	G00B_100_100e	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.706	85.1	-64.6	20.7	67.9	162.2	0.0	1.0	0.0	83.6	-82.7	79.8	115.0	136.0	61.8	193	0.0	1.0	0.706	85.1	-64.6	20.7	67.9	162.2
73	G05B_100_100e	0.0	1.0	0.125	1.0	1.0	0.5	157	0.0	1.0	0.778	85.5	-60.7	12.2	61.9	168.6	0.0	1.0	0.125	83.6	-82.1	76.5	112.3	137.0	67.8	197	0.0	1.0	0.778	85.5	-60.7	12.2	61.9	168.6
74	G11B_100_100e	0.0	1.0	0.25	1.0	1.0	0.5	164	0.0	1.0	0.838	85.8	-57.1	4.9	57.3	175.0	0.0	1.0	0.25	83.8	-80.5	69.1	106.1	139.3	68.3	201	0.0	1.0	0.838	85.8	-57.1	4.9	57.3	175.0
75	G18B_100_100e	0.0	1.0	0.375	1.0	1.0	0.5	172	0.0	1.0	0.899	86.2	-53.2	-2.1	53.3	182.3	0.0	1.0	0.375	84.0	-77.7	58.1	97.1	143.2	65.1	204	0.0	1.0	0.899	86.2	-53.2	-2.1	53.3	182.3
76	G25B_100_100e	0.0	1.0	0.5	1.0	1.0	0.5	180	0.0	1.0	0.951	86.5	-49.9	-8.4	50.6	189.6	0.0	1.0	0.5	84.3	-73.7	44.9	86.3	148.6	58.5	207	0.0	1.0	0.951	86.5	-49.9	-8.4	50.6	189.6
77	G31B_100_100e	0.0	1.0	0.625	1.0	1.0	0.5	188	0.0	0.997	1.0	86.6	-45.9	-13.9	47.9	196.9	0.0	1.0	0.625	84.7	-68.5	30.6	75.0	155.9	50.0	210	0.0	0.997	1.0	86.6	-45.9	-13.9	47.9	196.9
78	G38B_100_100e	0.0	1.0	0.75	1.0	1.0	0.5	196	0.0	0.958	1.0	83.9	-42.0	-18.9	46.1	204.2	0.0	1.0	0.75	85.3	-62.0	15.8	64.0	165.6	40.1	212	0.0	0.958	1.0	83.9	-42.0	-18.9	46.1	204.2
79	G44B_100_100e	0.0	1.0	0.875	1.0	1.0	0.5	203	0.0	0.924	1.0	81.4	-38.3	-22.6	44.5	210.5	0.0	1.0	0.875	86.0	-54.5	1.0	54.5	178.8	29.1	213	0.0	0.924	1.0	81.4	-38.3	-22.6	44.5	210.5
80	G50B_100_100e	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	0.89	1.0	79.0	-34.2	-25.7	42.8	216.9	0.0	1.0	1.0	86.8	-46.1	-13.5	48.1	196.3	18.7	215	0.0	0.89	1.0	79.0	-34.2	-25.7	42.8	216.9

delta E*' = 39.7

5−013430−F0

PN090−7N, 5/18−F

TUB-test chart PN09; colour rendering; sRGB
colors and differences, $\Delta E^{*\prime}$, 3D=0, de=1, *sRGB*

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

TUB registration: 20130201-PN09/PN09L0NA.TXT /.PS
application for measurement of display output, no separation

TUB material: code=rha4ta

5−013430−F0

http://130.149.60.45/~farbmetrik/PN09/PN09L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 6/18

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**$_{Me}$				
81	R00Y_012_012e	0.125	0.0	0.0	0.125	0.125	0.062	390	0.125	0.0	0.032	6.3	9.7	4.6	10.8	25.4	0.125	0.0	0.0	2.4	10.9	3.8	11.6	19.4	4.1	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
82	B50R_012_012e	0.125	0.0	0.125	0.125	0.125	0.062	330	0.125	0.0	0.123	7.1	11.7	−7.1	13.7	328.6	0.125	0.0	0.125	3.2	16.7	−11.6	20.4	325.1	7.7	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
83	B25R_025_025e	0.125	0.0	0.25	0.25	0.25	0.125	300	0.0	0.067	0.25	9.5	13.1	−22.6	26.2	300.1	0.125	0.0	0.25	5.3	28.5	−31.2	42.3	312.3	18.1	254	0.0	0.27	1.0	38.2	52.7	−90.7	104.9	300.1
84	B15R_037_037e	0.125	0.0	0.375	0.375	0.375	0.187	289	0.0	0.165	0.375	17.9	10.1	−28.1	29.9	289.7	0.125	0.0	0.375	9.0	38.1	−46.3	60.0	309.4	34.5	243	0.0	0.44	1.0	47.9	26.9	−75.0	79.7	289.7
85	B11R_050_050e	0.125	0.0	0.5	0.5	0.5	0.25	284	0.0	0.25	0.5	25.9	9.1	−34.1	35.3	285.0	0.125	0.0	0.5	13.4	46.1	−59.0	74.9	307.9	46.2	239	0.0	0.5	1.0	51.8	18.3	−68.3	70.7	285.0
86	B09R_062_062e	0.125	0.0	0.625	0.625	0.625	0.312	281	0.0	0.327	0.625	33.3	8.9	−41.3	42.3	282.1	0.125	0.0	0.625	17.9	53.9	−70.7	88.9	307.3	55.9	238	0.0	0.523	1.0	53.3	14.2	−66.1	67.7	282.1
87	B07R_075_075e	0.125	0.0	0.75	0.75	0.75	0.375	279	0.0	0.404	0.75	40.8	8.7	−48.4	49.2	280.2	0.125	0.0	0.75	22.3	61.5	−81.7	102.3	306.9	65.1	237	0.0	0.539	1.0	54.4	11.7	−64.6	65.6	280.2
88	B06R_087_087e	0.125	0.0	0.875	0.875	0.875	0.437	278	0.0	0.478	0.875	48.1	9.1	−55.8	56.5	279.3	0.125	0.0	0.875	26.7	69.0	−92.3	115.2	306.7	73.2	236	0.0	0.546	1.0	54.9	10.4	−63.8	64.6	279.3
89	B05R_100_100e	0.125	0.0	1.0	1.0	1.0	0.5	277	0.0	0.554	1.0	55.5	9.2	−63.0	63.6	278.3	0.125	0.0	1.0	31.0	76.2	−102.5	127.7	306.6	81.5	236	0.0	0.554	1.0	55.5	9.2	−63.0	63.6	278.3
90	Y00G_012_012e	0.125	0.125	0.0	0.125	0.125	0.062	90	0.125	0.107	0.0	10.4	−0.4	10.5	10.5	92.3	0.125	0.125	0.0	10.4	−5.0	15.4	16.2	108.0	6.6	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
91	NW_012e	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	11.9	0.0	0.0	0.0	0.0	0.125	0.125	0.125	11.0	0.0	0.0	0.0	325.7	0.8	360	1.0	1.0	1.0	95.4	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	0.201	0.25	19.3	0.2	−7.0	7.0	271.7	0.125	0.125	0.25	12.6	9.6	−19.5	21.8	296.2	17.0	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
93	B00R_037_025e	0.125	0.125	0.375	0.375	0.25	0.25	270	0.124	0.277	0.375	26.7	0.4	−14.1	14.1	271.7	0.125	0.125	0.375	15.0	21.1	−36.5	42.1	300.0	32.6	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
94	B00R_050_037e	0.125	0.125	0.5	0.5	0.375	0.312	270	0.124	0.353	0.5	34.1	0.6	−21.2	21.2	271.7	0.125	0.125	0.5	18.1	32.4	−51.3	60.6	302.2	46.5	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
95	B00R_062_050e	0.125	0.125	0.625	0.625	0.5	0.375	270	0.125	0.429	0.625	41.5	0.8	−28.3	28.3	271.7	0.125	0.125	0.625	21.6	42.8	−64.6	77.5	303.5	59.0	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
96	B00R_075_062e	0.125	0.125	0.75	0.75	0.625	0.437	270	0.125	0.505	0.75	48.9	1.0	−35.3	35.3	271.7	0.125	0.125	0.75	25.3	52.5	−76.8	93.0	304.3	70.1	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
97	B00R_087_075e	0.125	0.125	0.875	0.875	0.75	0.5	270	0.125	0.582	0.875	56.3	1.2	−42.4	42.4	271.7	0.125	0.125	0.875	29.1	61.5	−88.2	107.5	304.8	80.4	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
98	B00R_100_087e	0.125	0.125	1.0	1.0	0.875	0.562	270	0.125	0.658	1.0	63.7	1.5	−49.5	49.5	271.7	0.125	0.125	1.0	33.0	69.9	−99.0	121.3	305.2	89.9	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
99	Y50G_025_025e	0.125	0.25	0.0	0.25	0.25	0.125	120	0.132	0.25	0.0	21.4	−15.7	20.7	26.0	127.2	0.125	0.25	0.0	21.9	−22.3	29.7	37.2	126.9	11.2	118	0.528	1.0	0.0	85.9	−63.0	82.8	104.1	127.2
100	G00B_025_012e	0.125	0.25	0.125	0.25	0.125	0.187	150	0.124	0.25	0.213	22.5	−8.0	2.5	8.4	162.2	0.125	0.25	0.125	22.2	−18.8	15.2	24.2	141.0	16.6	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
101	G50B_025_012e	0.125	0.25	0.25	0.25	0.125	0.187	210	0.124	0.236	0.25	21.8	−4.2	−3.2	5.3	216.9	0.125	0.25	0.25	23.0	−11.2	−3.5	11.7	197.3	7.0	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
102	G75B_037_025e	0.125	0.25	0.375	0.375	0.25	0.25	240	0.124	0.315	0.375	29.4	−4.7	−9.9	10.9	244.3	0.125	0.25	0.375	24.4	−0.5	−21.5	21.5	268.6	13.3	223	0.0	0.763	1.0	70.0	−19.0	−39.6	43.9	244.3
103	G84B_050_037e	0.125	0.25	0.5	0.5	0.375	0.312	251	0.124	0.391	0.5	36.8	−4.7	−17.1	17.8	254.3	0.125	0.25	0.5	26.3	11.5	−37.9	39.6	286.9	28.4	226	0.0	0.71	1.0	66.3	−12.7	−45.7	47.4	254.3
104	G88B_062_050e	0.125	0.25	0.625	0.625	0.5	0.375	256	0.125	0.467	0.625	44.2	−4.7	−24.3	24.7	258.9	0.125	0.25	0.625	28.7	23.7	−52.9	58.0	294.1	43.2	227	0.0	0.685	1.0	64.5	−9.4	−48.6	49.5	258.9
105	G90B_075_062e	0.125	0.25	0.75	0.75	0.625	0.437	259	0.125	0.543	0.75	51.6	−4.5	−31.4	31.7	261.6	0.125	0.25	0.75	31.4	35.4	−66.7	75.5	297.9	57.0	228	0.0	0.67	1.0	63.4	−7.3	−50.3	50.8	261.6
106	G92B_087_075e	0.125	0.25	0.875	0.875	0.75	0.5	261	0.125	0.619	0.875	59.0	−4.3	−38.5	38.7	263.5	0.125	0.25	0.875	34.4	46.3	−79.5	92.0	300.2	69.6	229	0.0	0.659	1.0	62.7	−5.8	−51.3	51.7	263.5
107	G93B_100_087e	0.125	0.25	1.0	1.0	0.875	0.562	262	0.125	0.698	1.0	66.5	−4.4	−45.3	45.6	264.4	0.125	0.25	1.0	37.6	56.5	−91.4	107.5	301.7	81.7	229	0.0	0.654	1.0	62.4	−5.0	−51.8	52.1	264.4
108	Y68G_037_037e	0.125	0.375	0.0	0.375	0.375	0.187	131	0.0	0.375	0.102	31.4	−30.0	25.1	39.1	140.0	0.125	0.375	0.0	33.1	−35.2	39.6	53.0	131.5	15.5	165	0.0	1.0	0.273	83.8	−80.1	67.0	104.4	140.0
109	G00B_037_025e	0.125	0.375	0.125	0.375	0.25	0.25	150	0.124	0.375	0.301	33.2	−16.1	5.1	16.9	162.2	0.125	0.375	0.125	33.3	−32.9	28.6	43.6	138.9	28.7	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
110	G25B_037_025e	0.125	0.375	0.25	0.375	0.25	0.25	180	0.124	0.375	0.362	33.5	−12.4	−2.1	12.6	189.6	0.125	0.375	0.25	33.8	−27.4	11.9	29.9	156.5	20.5	207	0.0	1.0	0.951	86.5	−49.9	−8.4	50.6	189.6
111	G50B_037_025e	0.125	0.375	0.375	0.375	0.25	0.25	210	0.124	0.347	0.375	31.6	−8.5	−6.4	10.7	216.9	0.125	0.375	0.375	34.7	−18.9	−5.7	19.8	196.8	10.8	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
112	G65B_050_037e	0.125	0.375	0.5	0.5	0.375	0.312	229	0.124	0.428	0.5	39.4	−9.4	−13.1	16.2	234.3	0.125	0.375	0.5	35.9	−8.3	−22.7	24.1	249.7	10.1	220	0.0	0.808	1.0	73.3	−25.2	−35.1	43.2	234.3
113	G75B_062_050e	0.125	0.375	0.625	0.625	0.5	0.375	240	0.125	0.506	0.625	46.9	−9.5	−19.8	21.9	244.3	0.125	0.375	0.625	37.5	3.3	−38.6	38.7	274.9	24.6	223	0.0	0.763	1.0	70.0	−19.0	−39.6	43.9	244.3
114	G80B_075_062e	0.125	0.375	0.75	0.75	0.625	0.437	247	0.125	0.581	0.75	54.2	−9.4	−27.0	28.6	250.7	0.125	0.375	0.75	39.5	15.3	−53.5	55.6	285.9	39.1	225	0.0	0.73	1.0	67.7	−15.1	−43.2	45.7	250.7
115	G84B_087_075e	0.125	0.375	0.875	0.875	0.75	0.5	251	0.125	0.657	0.875	61.6	−9.5	−34.3	35.6	254.3	0.125	0.375	0.875	41.7	27.1	−67.4	72.7	291.9	53.3	226	0.0	0.71	1.0	66.3	−12.7	−45.7	47.4	254.3
116	G86B_100_087e	0.125	0.375	1.0	1.0	0.875	0.562	254	0.125	0.733	1.0	69.0	−9.4	−41.5	42.6	257.1	0.125	0.375	1.0	44.2	38.6	−80.5	89.3	295.5	66.7	227	0.0	0.695	1.0	65.2	−10.8	−47.5	48.7	257.1
117	Y76G_050_050e	0.125	0.5	0.0	0.5	0.5	0.25	136	0.0	0.5	0.218	42.0	−38.0	25.7	45.9	145.9	0.125	0.5	0.0	43.9	−45.9	48.2	66.6	133.6	23.9	175	0.0	1.0	0.436	84.1	−76.0	51.4	91.8	145.9
118	G00B_050_037e	0.125	0.5	0.125	0.5	0.375	0.312	150	0.124	0.5	0.389	43.8	−24.2	7.7	25.4	162.2	0.125	0.5	0.125	44.1	−44.3	40.1	59.8	137.8	38.0	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
119	G15B_050_037e	0.125	0.5	0.25	0.5	0.375	0.312	169	0.124	0.5	0.455	44.2	−20.3	0.1	20.3	179.5	0.125	0.5	0.25	44.4	−40.3	25.7	47.9	147.4	32.5	203	0.0	1.0	0.88	86.0	−54.3	0.4	54.3	179.5
120	G34B_050_037e	0.125	0.5	0.375	0.5	0.375	0.312	191	0.124	0.493	0.5	44.0	−16.7	−5.9	17.7	199.6	0.125	0.5	0.375	45.0	−33.8	9.2	35.1	164.7	22.9	210	0.0	0.982	1.0	85.6	−44.5	−15.8	47.3	199.6
121	G50B_050_037e	0.125	0.5	0.5	0.5	0.375	0.312	210	0.124	0.458	0.5	41.5	−12.8	−9.6	16.0	216.9	0.125	0.5	0.5	45.9	−25.2	−7.5	26.3	196.6	13.2	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
122	G61B_062_050e	0.125	0.5	0.625	0.625	0.5	0.375	224	0.125	0.539	0.625	49.3	−13.8	−16.3	21.4	229.7	0.125	0.5	0.625	47.0	−14.9	−23.7	28.0	237.7	7.7	219	0.0	0.829	1.0	74.7	−27.7	−32.7	42.8	229.7
123	G69B_075_062e	0.125	0.5	0.75	0.75	0.625	0.437	233	0.125	0.62	0.75	57.0	−14.4	−23.0	27.1	237.9	0.125	0.5	0.75	48.4	−3.8	−39.2	39.3	264.4	21.1	221	0.0	0.792	1.0	72.1	−23.0	−36.8	43.4	237.9
124	G75B_087_075e	0.125	0.5	0.875	0.875	0.75	0.5	240	0.125	0.697	0.875	64.4	−14.2	−29.7	32.9	244.3	0.125	0.5	0.875	50.1	7.7	−53.8	54.4	278.2	35.6	223	0.0	0.763	1.0	70.0	−19.0	−39.6	43.9	244.3
125	G79B_100_087e	0.125	0.5	1.0	1.0	0.875	0.562	245	0.125	0.773	1.0	71.8	−14.1	−36.7	39.3	248.9	0.125	0.5	1.0	52.0	19.4	−67.8	70.5	285.9	49.8	224	0.0	0.74	1.0	68.4	−16.1	−41.9	44.9	248.9
126	Y81G_062_062e	0.125	0.625	0.0	0.625	0.625	0.312	139	0.0	0.625	0.32	52.7	−45.8	27.1	53.2	149.4	0.125	0.625	0.0	54.3	−55.6	56.5	79.3	134.5	31.0	180	0.0	1.0	0.513	84.3	−73.3	43.3	85.2	149.4
127	G00B_062_050e	0.125	0.625	0.125	0.625	0.5	0.375	150	0.125	0.625	0.478	54.5	−32.3	10.3	33.9	162.2	0.125	0.625	0.125	54.4	−54.4	50.3	74.1	137.2	45.6	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
128	G11B_062_050e	0.125	0.625	0.25	0.625	0.5	0.375	164	0.125	0.625	0.544	54.8	−28.5	2.4	28.6	175.0	0.125	0.625	0.25	54.7	−51.4	38.2	64.1	143.3	42.4	201	0.0	1.0	0.838	85.8	−57.1	4.9	57.3	175.0
129	G25B_062_050e	0.125	0.625	0.375	0.625	0.5	0.375	180	0.125	0.625	0.6	55.2	−24.9	−4.2	25.3	189.6	0.125	0.625	0.375	55.1	−46.3	23.0	51.8	153.5	34.6	207	0.0	1.0	0.951	86.5	−49.9	−8.4	50.6	189.6
130	G38B_062_050e	0.125	0.625	0.5	0.625	0.5	0.375	196	0.125	0.604	0.625	53.8	−21.0	−9.4	23.0	204.2	0.125	0.625	0.5	55.8	−39.3	6.9	39.9	170.0	24.6	212	0.0	0.958	1.0	83.9	−42.0	−18.9	46.1	204.2
131	G50B_062_050e	0.125	0.625	0.625	0.625	0.5	0.375	210	0.125	0.57	0.625	51.4	−17.1	−12.8	21.4	216.9	0.125	0.625	0.625	56.6	−30.7	−9.1	32.0	196.5	15.0	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
132	G59B_075_062e	0.125	0.625	0.75	0.75	0.625	0.437	221	0.125	0.651	0.75	59.2	−18.1	−19.5	26.6	227.0	0.125	0.625	0.75	57.7	−20.8	−24.7	32.3	229.8	6.0	218	0.0	0.842	1.0	75.6	−29.1	−31.2	42.6	227.0
133	G65B_087_075e	0.125	0.625	0.875	0.875	0.75	0.5	229	0.125	0.731	0.875	66.9	−18.9	−26.3	32.4	234.3	0.125	0.625	0.875	59.0	−10.1	−39.8	41.0	255.6	17.8	220	0.0	0.808	1.0	73.3	−25.2	−35.1	43.2	234.3
134	G70B_100_087e	0.125	0.625	1.0	1.0	0.875	0.562	235	0.125	0.811	1.0	74.5	−19.2	−32.9	38.1	239.7	0.125	0.625	1.0	60.5	0.9	−54.2	54.2	270.9	32.4	221	0.0	0.784	1.0	71.5	−21.9	−37.7	43.6	239.7
135	Y85G_075_075e	0.125	0.75	0.0	0.75	0.75	0.375	141	0.0	0.75	0.414	63.3	−53.8	28.9	61.1	151.7	0.125	0.75	0.0	64.4	−64.6	64.6	91.4	135.0	37.2	183	0.0	1.0	0.553	84.5	−71.8	38.6	81.5	151.7
136	G00B_075_062e	0.125	0.75	0.125	0.75	0.625	0.437	150	0.125	0.75	0.566	65.1	−40.4	12.9	42.4	162.2	0.125	0.75	0.125	64.5	−63.7	59.7	87.3	136.8	52.2	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
137	G09B_075_062e	0.125	0.75	0.25	0.75	0.625	0.437	161	0.125	0.75	0.632	65.4	−36.7	4.9	37.0	172.2	0.125	0.75	0.25	64.7	−61.3	49.4	78.8	141.1	50.8	199	0.0	1.0	0.812	85.7	−58.7	7.9	59.3	172.2
138	G19B_075_062e	0.125	0.75	0.375	0.75	0.625	0.437	173	0.125	0.75	0.691	65.8	−33.0	−1.8	33.1	183.2	0.125	0.75	0.375	65.0	−57.3	35.7	67.5	148.0	44.7	205	0.0	1.0	0.906	86.2	−52.8	−2.9	52.9	183.2
139	G30B_075_062e	0.125	0.75	0.5	0.75	0.625	0.437	187	0.125	0.75	0.748	66.2	−29.0	−8.3	30.1	195.9	0.125	0.75	0.5	65.5	−51.6	20.5	55.5	158.3	36.6	209	0.0	1.0	0.997	86.8	−46.4	−13.2	48.2	195.9
140	G40B_075_062e	0.125	0.75	0.625	0.75	0.625	0.437	199	0.125	0.714	0.75	63.7	−25.3	−12.8	28.4	206.9	0.125	0.75	0.625	66.2	−44.3	4.8	44.6	173.7	26.1	212	0.0	0.943	1.0	82.8	−40.5	−20.5	45.4	206.9
141	G50B_075_062e	0.125	0.75	0.75	0.75	0.625	0.437	210	0.125	0.681	0.75	61.3	−21.4	−16.1	26.8	216.9	0.125	0.75	0.75	67.0	−35.8	−10.6	37.3	196.4	16.4	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
142	G57B_087_075e	0.125	0.75	0.875	0.875	0.75	0.5	219	0.125	0.762	0.875	69.1	−22.4	−22.6	31.9	225.1	0.125	0.75	0.875	68.0	−26.2	−25.7	36.8	224.4	5.0	217	0.0	0.85	1.0	76.2	−29.9	−30.1	42.5	225.1
143	G63B_100_087e	0.125	0.75	1.0	1.0	0.875	0.562	226	0.125	0.843	1.0	76.8	−23.3	−29.4	37.6	231.5	0.125	0.75	1.0	69.3	−16.0	−40.4	43.5	248.3	15.1	219	0.0	0.821	1.0	74.1	−26.7	−33.7	43.0	231.5
144	Y86G_087_087e	0.125	0.875	0.0	0.875	0.875	0.437	142	0.0	0.875	0.501	74.0	−62.1	31.7	69.7	152.9	0.125	0.875	0.0	74.2	−73.2	72.4	103.0	135.3	42.1	184	0.0	1.0	0.573	84.6	−70.9	36.3	79.7	152.9
145	G00B_087_075e	0.125	0.875	0.125	0.875	0.75	0.5	150	0.125	0.875	0.654	75.7	−48.5	15.5	50.9	162.2	0.125	0.875	0.125	74.3	−72.4	68.4	99.7	136.6	58.1	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
146	G07B_087_075e	0.125	0.875	0.25	0.875	0.75	0.5	159	0.125	0.875	0.721	76.1	−44.8	7.5	45.4	170.4	0.125	0.875	0.25	74.4	−70.6	59.7	92.5	139.7	58.2	198	0.0	1.0	0.795	85.6	−59.7	10.0	60.6	170.4
147	G15B_087_075e	0.125	0.875	0.375	0.875	0.75	0.5	169	0.125	0.875	0.785	76.4	−40.7	0.3	40.7	179.5	0.125	0.875	0.375	74.7	−67.3	47.4	82.3	144.8	54.1	203	0.0	1.0	0.88	86.0	−54.3	0.4	54.3	179.5
148	G25B_087_075e	0.125	0.875	0.5	0.875	0.75	0.5	180	0.125	0.875	0.838	76.8	−37.4	−6.3	37.9	189.6	0.125	0.875	0.5	75.1	−62.5	33.2	70.8	152.0	46.9	207	0.0	1.0	0.951	86.5	−49.9	−8.4	50.6	189.6
149	G34B_087_075e	0.125	0.875	0.625	0.875	0.75	0.5	191	0.125	0.861	0.875	76.1	−33.4	−11.9	35.4	199.6	0.125	0.875	0.625	75.6	−56.4	18.2	59.3	162.1	37.9	210	0.0	0.982	1.0	85.6	−44.5	−15.8	47.3	199.6
150	G42B_087_075e	0.125	0.875	0.75	0.875	0.75	0.5	201	0.125	0.825	0.875	73.5	−29.5	−16.2	33.7	208.7	0.125	0.875	0.75	76.3	−49.0	3.0	49.1	176.4	27.5	213	0.0	0.933	1.0	82.1	−39.4	−21.6	44.9	208.7
151	G50B_087_075e	0.125	0.875	0.875	0.875	0.75	0.5	210	0.125	0.792	0.875	71.2	−25.6	−19.3	32.1	216.9	0.125	0.875	0.875	77.1	−40.6	−12.0	42.4	196.4	17.6	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
152	G56B_100_087e	0.125	0.875	1.0	1.0	0.875	0.562	218	0.125	0.872	1.0	78.9	−26.6	−25.9	37.1	224.2	0.125	0.875	1.0	78.1	−31.3	−26.7	41.2	220.4	4.9	217	0.0	0.854	1.0	76.5	−30.4	−29.6	42.4	224.2
153	Y88G_100_100e	0.125	1.0	0.0	1.0	1.0	0.5	143	0.0	1.0	0.593	84.6	−70.0	34.0	77.9	154.0	0.125	1.0	0.0	83.7	−81.4	80.0	114.2	135.5	47.3	186	0.0	1.0	0.593	84.6	−70.0	34.0	77.9	154.0
154	G00B_100_087e	0.125	1.0	0.125	1.0	0.875	0.562	150	0.125	1.0	0.742	86.4	−56.5	18.1	59.4	162.2	0.125	1.0	0.125	83.8	−80.8	76.7	111.4	136.4	63.5	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
155	G06B_100_087e	0.125	1.0	0.25	1.0	0.875	0.562	158	0.125	1.0	0.813	86.7	−52.7	9.7	53.6	169.5	0.125	1.0	0.25	83.9	−79.2	69.3	105.3	138.8	65.2	198	0.0	1.0	0.786	85.5	−60.2	11.1	61.2	169.5
156	G13B_100_087e	0.125	1.0	0.375	1.0	0.875	0.562	166	0.125	1.0	0.873	87.1	−48.9	2.7	49.0	176.8	0.125	1.0	0.375	84.1	−76.5	58.3	96.2	142.6	62.1	202	0.0	1.0	0.855	85.9	−55.9	3.1	56.0	176.8
157	G20B_100_087e	0.125	1.0	0.5	1.0	0.875	0.562	175	0.125	1.0	0.929	87.4	−45.5	−4.0	45.7	185.0	0.125	1.0	0.5	84.4	−72.5	45.1	85.4	148.1	56.1	205	0.0	1.0	0.919	86.3	−52.1	−4.5	52.3	185.0
158	G29B_100_087e	0.125	1.0	0.625	1.0	0.875	0.562	185	0.125	1.0	0.986	87.8	−41.5	−10.4	42.8	194.1	0.125	1.0	0.625	84.9	−67.3	30.8	74.1	155.4	48.8	209	0.0	1.0	0.984	86.7	−47.4	−11.9	48.9	194.1
159	G36B_100_087e	0.125	1.0	0.75	1.0	0.875	0.562	194	0.125	0.972	1.0	85.9	−37.7	−15.5	40.7	202.3	0.125	1.0	0.75	85.4	−61.0	16.1	63.1	165.2	39.2	211	0.0	0.968	1.0	84.6	−43.0	−17.7	46.6	202.3
160	G43B_100_087e	0.125	1.0	0.875	1.0	0.875	0.562	202	0.125	0.937	1.0	83.5	−34.0	−19.3	39.1	209.6	0.125	1.0	0.875	86.1	−53.5	1.2	53.6	178.6	28.6	213	0.0	0.929	1.0	81.8	−38.8	−22.1	44.7	209.6
161	G50B_100_087e	0.125	1.0	1.0	1.0	0.875	0.562	210	0.125	0.903	1.0	81.1	−29.9	−22.5	37.5	216.9	0.125	1.0	1.0	87.0	−45.2	−13.3	47.2	196.4	18.8	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9

delta *E**' = **36.3**

5−013530−F0

PN090−7N, 6/18−F

TUB-test chart PN09; colour rendering; sRGB
colors and differences, Δ*E**', 3D=0, de=1, *sRGB*

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_025$_e$	0.25	0.0	0.0	0.25	0.25	0.125	390	0.25	0.0	0.065	12.7	19.5	9.3	21.6	25.4	0.25	0.0	0.0	8.6	28.5	13.6	31.6	25.5	10.7	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
163	R00Y_025_025$_e$	0.25	0.0	0.125	0.25	0.25	0.125	360	0.25	0.0	0.154	13.2	20.9	−2.9	21.1	352.0	0.25	0.0	0.125	9.4	30.5	−1.8	30.6	356.5	10.4	352	1.0	0.0	0.617	52.9	83.6	−11.6	84.4	352.0
164	B50R_025_025$_e$	0.25	0.0	0.25	0.25	0.25	0.125	330	0.25	0.0	0.247	14.2	23.5	−14.3	27.5	328.6	0.25	0.0	0.25	11.1	34.9	−21.6	41.1	328.2	13.9	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
165	B34R_037_037$_e$	0.25	0.0	0.375	0.375	0.375	0.187	311	0.166	0.0	0.375	13.9	29.6	−34.5	45.5	310.5	0.25	0.0	0.375	13.8	41.1	−38.3	56.2	316.9	12.0	296	0.444	0.0	1.0	37.0	79.0	−92.2	121.5	310.5
166	B25R_050_050$_e$	0.25	0.0	0.5	0.5	0.5	0.25	300	0.0	0.135	0.5	19.1	26.3	−45.3	52.4	300.1	0.25	0.0	0.5	17.1	48.0	−52.8	71.4	312.2	23.0	254	0.0	0.27	1.0	38.2	52.7	−90.7	104.9	300.1
167	B19R_062_062$_e$	0.25	0.0	0.625	0.625	0.625	0.312	293	0.0	0.245	0.625	28.0	21.7	−49.8	54.3	293.5	0.25	0.0	0.625	20.7	55.2	−65.9	86.0	309.9	37.9	247	0.0	0.392	1.0	44.9	34.7	−79.7	86.9	293.5
168	B15R_075_075$_e$	0.25	0.0	0.75	0.75	0.75	0.375	289	0.0	0.33	0.75	35.9	20.2	−56.2	59.8	289.7	0.25	0.0	0.75	24.6	62.5	−77.8	99.8	308.7	48.8	243	0.0	0.44	1.0	47.9	26.9	−75.0	79.7	289.7
169	B13R_087_087$_e$	0.25	0.0	0.875	0.875	0.875	0.437	286	0.0	0.416	0.875	43.9	18.9	−62.2	65.0	286.9	0.25	0.0	0.875	28.6	69.7	−89.1	113.1	308.0	59.5	241	0.0	0.476	1.0	50.2	21.6	−71.1	74.3	286.9
170	B11R_100_100$_e$	0.25	0.0	1.0	1.0	1.0	0.5	284	0.0	0.5	1.0	51.8	18.3	−68.3	70.7	285.0	0.25	0.0	1.0	32.6	76.8	−99.8	125.9	307.5	69.2	239	0.0	0.5	1.0	51.8	18.3	−68.3	70.7	285.0
171	R50Y_025_025$_e$	0.25	0.125	0.0	0.25	0.25	0.125	60	0.25	0.121	0.0	15.7	10.6	17.7	20.6	58.8	0.25	0.125	0.0	14.7	12.2	22.0	25.2	60.9	4.7	59	1.0	0.487	0.0	63.1	42.7	70.8	82.7	58.8
172	R00Y_025_012$_e$	0.25	0.125	0.125	0.25	0.125	0.187	390	0.25	0.124	0.157	18.2	9.7	4.6	10.8	25.4	0.25	0.125	0.125	15.2	14.7	6.5	16.1	23.9	6.1	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
173	B50R_025_012$_e$	0.25	0.125	0.25	0.25	0.125	0.187	330	0.25	0.124	0.248	19.0	11.7	−7.1	13.7	328.6	0.25	0.125	0.25	16.4	20.2	−13.2	24.2	326.7	10.7	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
174	B25R_037_025$_e$	0.25	0.125	0.375	0.375	0.25	0.25	300	0.124	0.192	0.375	21.4	13.1	−22.6	26.2	300.1	0.25	0.125	0.375	18.4	28.0	−30.9	41.7	312.1	17.2	254	0.0	0.27	1.0	38.2	52.7	−90.7	104.9	300.1
175	B15R_050_037$_e$	0.25	0.125	0.5	0.5	0.375	0.312	289	0.124	0.29	0.5	29.9	10.1	−28.1	29.9	289.7	0.25	0.125	0.5	20.9	36.7	−46.5	59.3	308.3	33.6	243	0.0	0.44	1.0	47.9	26.9	−75.0	79.7	289.7
176	B11R_062_050$_e$	0.25	0.125	0.625	0.625	0.5	0.375	284	0.125	0.375	0.625	37.8	9.1	−34.1	35.3	285.0	0.25	0.125	0.625	23.9	45.7	−60.5	75.9	307.0	47.1	239	0.0	0.5	1.0	51.8	18.3	−68.3	70.7	285.0
177	B09R_075_062$_e$	0.25	0.125	0.75	0.75	0.625	0.437	281	0.125	0.452	0.75	45.3	8.9	−41.3	42.3	282.1	0.25	0.125	0.75	27.3	54.4	−73.4	91.4	306.5	58.5	238	0.0	0.523	1.0	53.3	14.2	−66.1	67.7	282.1
178	B07R_087_075$_e$	0.25	0.125	0.875	0.875	0.75	0.5	279	0.125	0.529	0.875	52.7	8.7	−48.4	49.2	280.2	0.25	0.125	0.875	30.8	62.8	−85.3	106.0	306.3	69.0	237	0.0	0.539	1.0	54.4	11.7	−64.6	65.6	280.2
179	B06R_100_087$_e$	0.25	0.125	1.0	1.0	0.875	0.562	278	0.125	0.603	1.0	60.0	9.1	−55.8	56.5	279.3	0.25	0.125	1.0	34.5	70.9	−96.6	119.8	306.2	78.3	236	0.0	0.546	1.0	54.9	10.4	−63.8	64.6	279.3
180	Y00G_025_025$_e$	0.25	0.25	0.0	0.25	0.25	0.125	90	0.25	0.214	0.0	20.9	−0.8	21.1	21.1	92.3	0.25	0.25	0.0	24.2	−7.6	32.9	33.7	103.1	14.0	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
181	Y00G_025_012$_e$	0.25	0.25	0.125	0.25	0.125	0.187	90	0.25	0.232	0.124	22.3	−0.4	10.5	10.5	92.3	0.25	0.25	0.125	24.5	−5.3	18.6	19.4	105.9	9.7	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
182	NW_025$_e$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	23.8	0.0	0.0	0.0	0.0	0.25	0.25	0.25	25.2	0.0	0.0	0.0	325.5	1.4	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
183	B00R_037_012$_e$	0.25	0.25	0.375	0.375	0.125	0.312	270	0.249	0.326	0.375	31.2	0.2	−7.0	7.0	271.7	0.25	0.25	0.375	26.5	8.0	−18.0	19.8	294.0	14.3	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
184	B00R_050_025$_e$	0.25	0.25	0.5	0.5	0.25	0.375	270	0.249	0.402	0.5	38.6	0.4	−14.1	14.1	271.7	0.25	0.25	0.5	28.2	17.7	−34.7	39.0	297.0	28.8	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
185	B00R_062_037$_e$	0.25	0.25	0.625	0.625	0.375	0.437	270	0.25	0.478	0.625	46.0	0.6	−21.2	21.2	271.7	0.25	0.25	0.625	30.4	28.1	−50.0	57.4	299.3	42.8	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
186	B00R_075_050$_e$	0.25	0.25	0.75	0.75	0.5	0.5	270	0.25	0.554	0.75	53.4	0.8	−28.3	28.3	271.7	0.25	0.25	0.75	32.9	38.5	−64.1	74.8	301.0	55.8	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
187	B00R_087_062$_e$	0.25	0.25	0.875	0.875	0.625	0.562	270	0.25	0.63	0.875	60.8	1.0	−35.3	35.3	271.7	0.25	0.25	0.875	35.8	48.6	−77.1	91.2	302.1	68.0	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
188	B00R_100_075$_e$	0.25	0.25	1.0	1.0	0.75	0.625	270	0.25	0.707	1.0	68.2	1.2	−42.4	42.4	271.7	0.25	0.25	1.0	38.8	58.2	−89.4	106.7	303.0	79.4	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
189	Y31G_037_037$_e$	0.25	0.375	0.0	0.375	0.375	0.187	109	0.302	0.375	0.0	33.5	−14.8	32.6	35.8	114.4	0.25	0.375	0.0	34.6	−24.3	41.4	48.0	120.4	13.0	100	0.806	1.0	0.0	89.4	−39.5	87.0	95.6	114.4
190	Y50G_037_025$_e$	0.25	0.375	0.125	0.375	0.25	0.25	120	0.257	0.375	0.124	33.4	−15.7	20.7	26.0	127.2	0.25	0.375	0.125	34.8	−22.5	30.5	38.0	126.3	12.0	118	0.528	1.0	0.0	85.9	−63.0	82.8	104.1	127.2
191	G00B_037_012$_e$	0.25	0.375	0.25	0.375	0.125	0.312	150	0.249	0.375	0.338	34.4	−8.0	2.5	8.4	162.2	0.25	0.375	0.25	35.2	−18.1	14.0	22.9	142.2	15.2	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
192	G50B_037_012$_e$	0.25	0.375	0.375	0.375	0.125	0.312	210	0.249	0.361	0.375	33.7	−4.2	−3.2	5.3	216.9	0.25	0.375	0.375	36.0	−11.0	−3.5	11.6	197.8	7.2	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
193	G75B_050_025$_e$	0.25	0.375	0.5	0.5	0.25	0.375	240	0.249	0.44	0.5	41.3	−4.7	−9.9	10.9	244.3	0.25	0.375	0.5	37.2	−2.0	−20.5	20.6	264.3	11.7	223	0.0	0.763	1.0	70.0	−19.0	−39.6	43.9	244.3
194	G84B_062_037$_e$	0.25	0.375	0.625	0.625	0.375	0.437	251	0.25	0.516	0.625	48.7	−4.7	−17.1	17.8	254.3	0.25	0.375	0.625	38.7	8.2	−36.6	37.5	282.7	25.4	226	0.0	0.71	1.0	66.3	−12.7	−45.7	47.4	254.3
195	G88B_075_050$_e$	0.25	0.375	0.75	0.75	0.5	0.5	256	0.25	0.592	0.75	56.1	−4.7	−24.3	24.7	258.9	0.25	0.375	0.75	40.6	19.1	−51.6	55.0	290.3	39.4	227	0.0	0.685	1.0	64.5	−9.4	−48.6	49.5	258.9
196	G90B_087_062$_e$	0.25	0.375	0.875	0.875	0.625	0.562	259	0.25	0.668	0.875	63.5	−4.5	−31.4	31.7	261.6	0.25	0.375	0.875	42.8	30.1	−65.7	72.2	294.6	52.9	228	0.0	0.67	1.0	63.4	−7.3	−50.3	50.8	261.6
197	G92B_100_075$_e$	0.25	0.375	1.0	1.0	0.75	0.625	261	0.25	0.744	1.0	70.9	−4.3	−38.5	38.7	263.5	0.25	0.375	1.0	45.2	40.8	−78.9	88.9	297.3	65.8	229	0.0	0.659	1.0	62.7	−5.8	−51.3	51.7	263.5
198	Y50G_050_050$_e$	0.25	0.5	0.0	0.5	0.5	0.25	120	0.264	0.5	0.0	42.9	−31.5	41.4	52.0	127.2	0.25	0.5	0.0	44.9	−37.9	49.4	62.3	127.5	10.4	118	0.528	1.0	0.0	85.9	−63.0	82.8	104.1	127.2
199	Y68G_050_037$_e$	0.25	0.5	0.125	0.5	0.375	0.312	131	0.124	0.5	0.227	43.3	−30.0	25.1	39.1	140.0	0.25	0.5	0.125	45.0	−36.5	41.4	55.2	131.4	17.6	165	0.0	1.0	0.273	83.8	−80.1	67.0	104.4	140.0
200	G00B_050_025$_e$	0.25	0.5	0.25	0.5	0.25	0.375	150	0.249	0.5	0.426	45.1	−16.1	5.1	16.9	162.2	0.25	0.5	0.25	45.4	−33.0	27.2	42.8	140.5	27.7	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
201	G25B_050_025$_e$	0.25	0.5	0.375	0.5	0.25	0.375	180	0.249	0.5	0.487	45.4	−12.4	−2.1	12.6	189.6	0.25	0.5	0.375	45.9	−27.3	10.6	29.3	158.6	19.6	207	0.0	1.0	0.951	86.5	−49.9	−8.4	50.6	189.6
202	G50B_050_025$_e$	0.25	0.5	0.5	0.5	0.25	0.375	210	0.249	0.472	0.5	43.6	−8.5	−6.4	10.7	216.9	0.25	0.5	0.5	46.8	−19.5	−6.0	20.4	197.2	11.4	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
203	G65B_062_037$_e$	0.25	0.5	0.625	0.625	0.375	0.437	229	0.25	0.553	0.625	51.3	−9.4	−13.1	16.2	234.3	0.25	0.5	0.625	47.9	−10.2	−22.3	24.5	245.3	9.7	220	0.0	0.808	1.0	73.3	−25.2	−35.1	43.2	234.3
204	G75B_075_050$_e$	0.25	0.5	0.75	0.75	0.5	0.5	240	0.25	0.631	0.75	58.8	−9.5	−19.8	21.9	244.3	0.25	0.5	0.75	49.3	0.1	−37.8	37.8	270.1	22.5	223	0.0	0.763	1.0	70.0	−19.0	−39.6	43.9	244.3
205	G80B_087_062$_e$	0.25	0.5	0.875	0.875	0.625	0.562	247	0.25	0.706	0.875	66.1	−9.4	−27.0	28.6	250.7	0.25	0.5	0.875	50.9	10.9	−52.5	53.6	281.7	36.0	225	0.0	0.73	1.0	67.7	−15.1	−43.2	45.7	250.7
206	G84B_100_075$_e$	0.25	0.5	1.0	1.0	0.75	0.625	251	0.25	0.782	1.0	73.6	−9.5	−34.3	35.6	254.3	0.25	0.5	1.0	52.8	21.9	−66.5	70.0	288.2	49.6	226	0.0	0.71	1.0	66.3	−12.7	−45.7	47.4	254.3
207	Y61G_062_062$_e$	0.25	0.625	0.0	0.625	0.625	0.312	127	0.082	0.625	0.0	52.3	−50.8	50.0	71.3	135.4	0.25	0.625	0.0	55.1	−49.5	57.4	75.8	130.7	7.9	142	0.132	1.0	0.0	83.7	−81.2	80.1	114.1	135.4
208	Y76G_062_050$_e$	0.25	0.625	0.125	0.625	0.5	0.375	136	0.125	0.625	0.343	54.0	−38.0	25.7	45.9	145.9	0.25	0.625	0.125	55.2	−48.4	51.2	70.5	133.3	27.6	175	0.0	1.0	0.436	84.1	−76.0	51.4	91.8	145.9
209	G00B_062_037$_e$	0.25	0.625	0.25	0.625	0.375	0.437	150	0.25	0.625	0.514	55.7	−24.2	7.7	25.4	162.2	0.25	0.625	0.25	55.4	−45.7	39.2	60.2	139.3	38.0	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
210	G15B_062_037$_e$	0.25	0.625	0.375	0.625	0.375	0.437	169	0.25	0.625	0.58	56.1	−20.3	0.1	20.3	179.5	0.25	0.625	0.375	55.8	−41.0	24.0	47.5	149.5	31.6	203	0.0	1.0	0.88	86.0	−54.3	0.4	54.3	179.5
211	G34B_062_037$_e$	0.25	0.625	0.5	0.625	0.375	0.437	191	0.25	0.618	0.625	55.9	−16.7	−5.9	17.7	199.6	0.25	0.625	0.5	56.4	−34.5	8.0	35.4	166.9	22.6	210	0.0	0.982	1.0	85.6	−44.5	−15.8	47.3	199.6
212	G50B_062_037$_e$	0.25	0.625	0.625	0.625	0.375	0.437	210	0.25	0.583	0.625	53.5	−12.8	−9.6	16.0	216.9	0.25	0.625	0.625	57.3	−26.4	−8.0	27.6	196.9	14.2	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
213	G61B_075_050$_e$	0.25	0.625	0.75	0.75	0.5	0.5	224	0.25	0.664	0.75	61.2	−13.8	−16.3	21.4	229.7	0.25	0.625	0.75	58.3	−17.1	−23.6	29.2	234.0	8.5	219	0.0	0.829	1.0	74.7	−27.7	−32.7	42.8	229.7
214	G69B_087_062$_e$	0.25	0.625	0.875	0.875	0.625	0.562	233	0.25	0.745	0.875	68.9	−14.4	−23.0	27.1	237.9	0.25	0.625	0.875	59.6	−7.0	−38.7	39.4	259.6	19.6	221	0.0	0.792	1.0	72.1	−23.0	−36.8	43.4	237.9
215	G75B_100_075$_e$	0.25	0.625	1.0	1.0	0.75	0.625	240	0.25	0.822	1.0	76.3	−14.2	−29.7	32.9	244.3	0.25	0.625	1.0	61.1	3.5	−53.2	53.3	273.8	33.2	223	0.0	0.763	1.0	70.0	−19.0	−39.6	43.9	244.3
216	Y68G_075_075$_e$	0.25	0.75	0.0	0.75	0.75	0.375	131	0.0	0.75	0.204	62.8	−60.1	50.2	78.3	140.0	0.25	0.75	0.0	65.0	−59.8	65.2	88.5	132.5	15.1	165	0.0	1.0	0.273	83.8	−80.1	67.0	104.4	140.0
217	Y81G_075_062$_e$	0.25	0.75	0.125	0.75	0.625	0.437	139	0.125	0.75	0.445	64.6	−45.8	27.1	53.2	149.4	0.25	0.75	0.125	65.0	−59.0	60.4	84.4	134.3	35.8	180	0.0	1.0	0.513	84.3	−73.3	43.3	85.2	149.4
218	G00B_075_050$_e$	0.25	0.75	0.25	0.75	0.5	0.5	150	0.25	0.75	0.603	66.4	−32.3	10.3	33.9	162.2	0.25	0.75	0.25	65.2	−56.7	50.2	75.8	138.5	46.7	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
219	G11B_075_050$_e$	0.25	0.75	0.375	0.75	0.5	0.5	164	0.25	0.75	0.669	66.7	−28.5	2.4	28.6	175.0	0.25	0.75	0.375	65.5	−52.9	36.5	64.3	145.4	41.9	201	0.0	1.0	0.838	85.8	−57.1	4.9	57.3	175.0
220	G25B_075_050$_e$	0.25	0.75	0.5	0.75	0.5	0.5	180	0.25	0.75	0.725	67.1	−24.9	−4.2	25.3	189.6	0.25	0.75	0.5	66.0	−47.5	21.3	52.1	155.8	34.1	207	0.0	1.0	0.951	86.5	−49.9	−8.4	50.6	189.6
221	G38B_075_050$_e$	0.25	0.75	0.625	0.75	0.5	0.5	196	0.25	0.729	0.75	65.8	−21.0	−9.4	23.0	204.2	0.25	0.75	0.625	66.7	−40.6	5.7	41.0	171.9	24.8	212	0.0	0.958	1.0	83.9	−42.0	−18.9	46.1	204.2
222	G50B_075_050$_e$	0.25	0.75	0.75	0.75	0.5	0.5	210	0.25	0.695	0.75	63.3	−17.1	−12.8	21.4	216.9	0.25	0.75	0.75	67.5	−32.5	−9.7	33.9	196.7	16.2	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
223	G59B_087_062$_e$	0.25	0.75	0.875	0.875	0.625	0.562	221	0.25	0.776	0.875	71.1	−18.1	−19.5	26.6	227.0	0.25	0.75	0.875	68.5	−23.3	−24.9	34.1	226.8	7.9	218	0.0	0.842	1.0	75.6	−29.1	−31.2	42.6	227.0
224	G65B_100_075$_e$	0.25	0.75	1.0	1.0	0.75	0.625	229	0.25	0.856	1.0	78.8	−18.9	−26.3	32.4	234.3	0.25	0.75	1.0	69.7	−13.4	−39.6	41.8	251.2	16.9	220	0.0	0.808	1.0	73.3	−25.2	−35.1	43.2	234.3
225	Y73G_087_087$_e$	0.25	0.875	0.0	0.875	0.875	0.437	134	0.0	0.875	0.335	73.5	−67.9	50.0	84.3	143.5	0.25	0.875	0.0	74.6	−69.3	72.9	100.6	133.5	22.9	172	0.0	1.0	0.383	84.0	−77.6	57.2	96.4	143.5
226	Y85G_087_075$_e$	0.25	0.875	0.125	0.875	0.75	0.5	141	0.125	0.875	0.539	75.3	−53.8	28.9	61.1	151.7	0.25	0.875	0.125	74.7	−68.6	69.0	97.3	134.8	42.6	183	0.0	1.0	0.553	84.5	−71.8	38.6	81.5	151.7
227	G00B_087_062$_e$	0.25	0.875	0.25	0.875	0.625	0.562	150	0.25	0.875	0.691	77.0	−40.4	12.9	42.4	162.2	0.25	0.875	0.25	74.8	−66.8	60.3	90.0	137.9	54.2	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
228	G09B_087_062$_e$	0.25	0.875	0.375	0.875	0.625	0.562	161	0.25	0.875	0.757	77.4	−36.7	4.9	37.0	172.2	0.25	0.875	0.375	75.1	−63.6	48.0	79.8	142.9	50.8	199	0.0	1.0	0.812	85.7	−58.7	7.9	59.3	172.2
229	G19B_087_062$_e$	0.25	0.875	0.5	0.875	0.625	0.562	173	0.25	0.875	0.816	77.7	−33.0	−1.8	33.1	183.2	0.25	0.875	0.5	75.5	−59.1	33.8	68.1	150.1	44.3	205	0.0	1.0	0.906	86.2	−52.8	−2.9	52.9	183.2
230	G30B_087_062$_e$	0.25	0.875	0.625	0.875	0.625	0.562	187	0.25	0.875	0.873	78.1	−29.0	−8.3	30.1	195.9	0.25	0.875	0.625	76.0	−53.2	18.8	56.5	160.4	36.5	209	0.0	1.0	0.997	86.8	−46.4	−13.2	48.2	195.9
231	G40B_087_062$_e$	0.25	0.875	0.75	0.875	0.625	0.562	199	0.25	0.839	0.875	75.6	−25.3	−12.8	28.4	206.9	0.25	0.875	0.75	76.7	−46.1	3.6	46.3	175.4	26.6	212	0.0	0.943	1.0	82.8	−40.5	−20.5	45.4	206.9
232	G50B_087_062$_e$	0.25	0.875	0.875	0.875	0.625	0.562	210	0.25	0.806	0.875	73.2	−21.4	−16.1	26.8	216.9	0.25	0.875	0.875	77.5	−37.9	−11.3	39.6	196.6	17.7	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
233	G57B_100_075$_e$	0.25	0.875	1.0	1.0	0.75	0.625	219	0.25	0.887	1.0	81.0	−22.4	−22.6	31.9	225.1	0.25	0.875	1.0	78.5	−28.9	−26.1	39.0	221.9	7.7	217	0.0	0.85	1.0	76.2	−29.9	−30.1	42.5	225.1
234	Y76G_100_100$_e$	0.25	1.0	0.0	1.0	1.0	0.5	136	0.0	1.0	0.436	84.1	−76.0

http://130.149.60.45/~farbmetrik/PN09/PN09L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 8/18

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**$_{Me}$				
243	R00Y_037_037$_e$	0.375	0.0	0.0	0.375	0.375	0.187	390	0.375	0.0	0.098	19.0	29.3	13.9	32.5	25.4	0.375	0.0	0.0	16.4	37.5	25.4	45.3	34.1	14.3	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
244	R18Y_037_037$_e$	0.375	0.0	0.125	0.375	0.375	0.187	371	0.375	0.0	0.182	19.4	30.4	2.2	30.5	4.3	0.375	0.0	0.125	16.8	38.7	9.7	39.9	14.1	11.4	360	1.0	0.0	0.486	51.9	81.1	6.1	81.3	4.3
245	B65R_037_037$_e$	0.375	0.0	0.25	0.375	0.375	0.187	349	0.375	0.0	0.257	20.1	32.0	−7.6	32.9	346.6	0.375	0.0	0.25	17.9	41.5	−10.4	42.8	345.8	10.1	347	1.0	0.0	0.686	53.6	85.5	−20.3	87.9	346.6
246	B50R_037_037$_e$	0.375	0.0	0.375	0.375	0.375	0.187	330	0.375	0.0	0.371	21.4	35.3	−21.5	41.3	328.6	0.375	0.0	0.375	19.7	46.0	−28.5	54.1	328.2	12.8	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
247	B38R_050_050$_e$	0.375	0.0	0.5	0.5	0.5	0.25	316	0.319	0.0	0.5	21.6	41.4	−40.9	58.2	315.3	0.375	0.0	0.5	22.1	51.5	−44.4	68.1	319.2	10.7	309	0.638	0.0	1.0	43.2	82.9	−81.9	116.5	315.3
248	B30R_062_062$_e$	0.375	0.0	0.625	0.625	0.625	0.312	307	0.091	0.0	0.625	19.5	47.7	−63.7	79.6	306.8	0.375	0.0	0.625	24.9	57.8	−58.7	82.4	314.5	12.5	277	0.145	0.0	1.0	31.2	76.3	−102.0	127.4	306.8
249	B25R_075_075$_e$	0.375	0.0	0.75	0.75	0.75	0.375	300	0.0	0.202	0.75	28.6	39.5	−68.0	78.7	300.1	0.375	0.0	0.75	28.1	64.4	−71.9	96.5	311.8	25.1	254	0.0	0.27	1.0	38.2	52.7	−90.7	104.9	300.1
250	B20R_087_087$_e$	0.375	0.0	0.875	0.875	0.875	0.437	295	0.0	0.318	0.875	37.8	34.2	−72.0	79.7	295.4	0.375	0.0	0.875	31.6	71.2	−84.0	110.1	310.2	39.3	248	0.0	0.364	1.0	43.2	39.1	−82.3	91.1	295.4
251	B18R_100_100$_e$	0.375	0.0	1.0	1.0	1.0	0.5	292	0.0	0.404	1.0	45.7	32.7	−78.6	85.1	292.5	0.375	0.0	1.0	35.1	77.9	−95.5	123.3	309.2	49.4	246	0.0	0.404	1.0	45.7	32.7	−78.6	85.1	292.5
252	R31Y_037_037$_e$	0.375	0.125	0.0	0.375	0.375	0.187	49	0.375	0.108	0.0	20.7	23.6	25.0	34.4	46.6	0.375	0.125	0.0	20.4	26.4	30.1	40.1	48.7	5.8	46	1.0	0.29	0.0	55.4	63.0	66.8	91.8	46.6
253	R00Y_037_025$_e$	0.375	0.125	0.125	0.375	0.25	0.25	390	0.375	0.124	0.19	24.6	19.5	9.3	21.6	25.4	0.375	0.125	0.125	20.7	27.8	14.8	31.5	28.0	10.6	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
254	R00Y_037_025$_e$	0.375	0.125	0.25	0.375	0.25	0.25	360	0.375	0.124	0.279	25.1	20.9	−2.9	21.1	352.0	0.375	0.125	0.25	21.6	31.1	−4.9	31.5	351.0	11.0	352	1.0	0.0	0.617	52.9	83.6	−11.6	84.4	352.0
255	B50R_037_025$_e$	0.375	0.125	0.375	0.375	0.25	0.25	330	0.375	0.124	0.372	26.2	23.5	−14.3	27.5	328.6	0.375	0.125	0.375	23.1	36.3	−23.1	43.0	327.5	15.8	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
256	B34R_050_037$_e$	0.375	0.125	0.5	0.5	0.375	0.312	311	0.291	0.124	0.5	25.8	29.6	−34.5	45.5	310.5	0.375	0.125	0.5	25.1	42.8	−39.5	58.3	317.2	14.0	296	0.444	0.0	1.0	37.0	79.0	−92.2	121.5	310.5
257	B25R_062_050$_e$	0.375	0.125	0.625	0.625	0.5	0.375	300	0.125	0.26	0.625	31.0	26.3	−45.3	52.4	300.1	0.375	0.125	0.625	27.6	50.0	−54.4	73.9	312.5	25.5	254	0.0	0.27	1.0	38.2	52.7	−90.7	104.9	300.1
258	B19R_075_062$_e$	0.375	0.125	0.75	0.75	0.625	0.437	293	0.125	0.37	0.75	40.0	21.7	−49.8	54.3	293.5	0.375	0.125	0.75	30.4	57.5	−68.1	89.1	310.2	41.3	247	0.0	0.392	1.0	44.9	34.7	−79.7	86.9	293.5
259	B15R_087_075$_e$	0.375	0.125	0.875	0.875	0.75	0.5	289	0.125	0.455	0.875	47.9	20.2	−56.2	59.8	289.7	0.375	0.125	0.875	33.6	65.1	−80.7	103.7	308.9	53.1	243	0.0	0.44	1.0	47.9	26.9	−75.0	79.7	289.7
260	B13R_100_087$_e$	0.375	0.125	1.0	1.0	0.875	0.562	286	0.125	0.541	1.0	55.9	18.9	−62.2	65.0	286.9	0.375	0.125	1.0	36.9	72.6	−92.6	117.7	308.1	64.6	241	0.0	0.476	1.0	50.2	21.6	−71.1	74.3	286.9
261	R68Y_037_037$_e$	0.375	0.25	0.0	0.375	0.375	0.187	71	0.375	0.234	0.0	26.3	9.6	28.1	29.7	71.1	0.375	0.25	0.0	27.8	8.3	37.5	38.4	77.4	9.5	68	1.0	0.626	0.0	70.1	25.6	75.1	79.3	71.1
262	R50Y_037_025$_e$	0.375	0.25	0.125	0.375	0.25	0.25	60	0.375	0.246	0.124	27.7	10.6	17.7	20.6	58.8	0.375	0.25	0.125	28.1	9.8	23.7	25.7	67.5	6.1	59	1.0	0.487	0.0	63.1	42.7	70.8	82.7	58.8
263	R00Y_037_012$_e$	0.375	0.25	0.25	0.375	0.125	0.312	390	0.375	0.249	0.282	30.2	9.7	4.6	10.8	25.4	0.375	0.25	0.25	28.7	13.3	5.4	14.4	22.0	3.9	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
264	B50R_037_012$_e$	0.375	0.25	0.375	0.375	0.125	0.312	330	0.375	0.249	0.373	31.0	11.7	−7.1	13.7	328.6	0.375	0.25	0.375	29.7	19.0	−12.7	22.9	326.1	9.2	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
265	B25R_050_025$_e$	0.375	0.25	0.5	0.5	0.25	0.375	300	0.249	0.317	0.5	33.4	13.1	−22.6	26.2	300.1	0.375	0.25	0.5	31.2	26.3	−29.7	39.7	311.5	15.0	254	0.0	0.27	1.0	38.2	52.7	−90.7	104.9	300.1
266	B15R_062_037$_e$	0.375	0.25	0.625	0.625	0.375	0.437	289	0.25	0.415	0.625	41.8	10.1	−28.1	29.9	289.7	0.375	0.25	0.625	33.2	34.6	−45.4	57.0	307.3	31.1	243	0.0	0.44	1.0	47.9	26.9	−75.0	79.7	289.7
267	B11R_075_050$_e$	0.375	0.25	0.75	0.75	0.5	0.5	284	0.25	0.5	0.75	49.7	9.1	−34.1	35.3	285.0	0.375	0.25	0.75	35.4	43.3	−59.8	73.9	305.9	45.1	239	0.0	0.5	1.0	51.8	18.3	−68.3	70.7	285.0
268	B09R_087_062$_e$	0.375	0.25	0.875	0.875	0.625	0.562	281	0.25	0.577	0.875	57.2	8.9	−41.3	42.3	282.1	0.375	0.25	0.875	38.0	52.2	−73.3	90.0	305.4	57.1	238	0.0	0.523	1.0	53.3	14.2	−66.1	67.7	282.1
269	B07R_100_075$_e$	0.375	0.25	1.0	1.0	0.75	0.625	279	0.25	0.654	1.0	64.6	8.7	−48.4	49.2	280.2	0.375	0.25	1.0	40.9	60.9	−86.0	105.4	305.3	68.5	237	0.0	0.539	1.0	54.4	11.7	−64.6	65.6	280.2
270	Y00G_037_037$_e$	0.375	0.375	0.0	0.375	0.375	0.187	90	0.375	0.321	0.0	31.3	−1.2	31.6	31.7	92.3	0.375	0.375	0.0	36.9	−10.0	44.2	45.3	102.8	16.3	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
271	Y00G_037_025$_e$	0.375	0.375	0.125	0.375	0.25	0.25	90	0.375	0.339	0.124	32.8	−0.8	21.1	21.1	92.3	0.375	0.375	0.125	37.1	−8.7	33.8	34.9	104.4	15.5	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
272	Y00G_037_012$_e$	0.375	0.375	0.25	0.375	0.125	0.312	90	0.375	0.357	0.249	34.3	−0.4	10.5	10.5	92.3	0.375	0.375	0.25	37.5	−5.4	17.5	18.3	107.1	9.1	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
273	NW_037$_e$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	35.7	0.0	0.0	0.0	0.0	0.375	0.375	0.375	38.3	0.0	0.0	0.0	325.3	2.5	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
274	B00R_050_012$_e$	0.375	0.375	0.5	0.5	0.125	0.437	270	0.375	0.451	0.5	43.1	0.2	−7.0	7.0	271.7	0.375	0.375	0.5	39.4	7.2	−17.0	18.5	292.9	12.7	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
275	B00R_062_025$_e$	0.375	0.375	0.625	0.625	0.25	0.5	270	0.375	0.527	0.625	50.5	0.4	−14.1	14.1	271.7	0.375	0.375	0.625	40.8	15.7	−33.2	36.8	295.4	26.3	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
276	B00R_075_037$_e$	0.375	0.375	0.75	0.75	0.375	0.562	270	0.375	0.603	0.75	57.9	0.6	−21.2	21.2	271.7	0.375	0.375	0.75	42.5	25.1	−48.4	54.5	297.4	39.7	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
277	B00R_087_050$_e$	0.375	0.375	0.875	0.875	0.5	0.625	270	0.375	0.679	0.875	65.4	0.8	−28.3	28.3	271.7	0.375	0.375	0.875	44.6	34.8	−62.7	71.7	299.0	52.6	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
278	B00R_100_062$_e$	0.375	0.375	1.0	1.0	0.625	0.687	270	0.375	0.755	1.0	72.8	1.0	−35.3	35.3	271.7	0.375	0.375	1.0	46.8	44.5	−76.1	88.2	300.3	65.0	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
279	Y23G_050_050$_e$	0.375	0.5	0.0	0.5	0.5	0.25	104	0.453	0.5	0.0	45.5	−14.9	44.4	46.9	108.6	0.375	0.5	0.0	46.6	−26.1	51.4	57.7	116.9	13.2	94	0.906	1.0	0.0	91.0	−29.9	88.9	93.8	108.6
280	Y31G_050_037$_e$	0.375	0.5	0.125	0.5	0.375	0.312	109	0.427	0.5	0.124	45.4	−14.8	32.6	35.8	114.4	0.375	0.5	0.125	46.7	−25.0	43.6	50.2	119.8	15.0	100	0.806	1.0	0.0	89.4	−39.5	87.0	95.6	114.4
281	Y50G_050_025$_e$	0.375	0.5	0.25	0.5	0.25	0.375	120	0.382	0.5	0.249	45.3	−15.7	20.7	26.0	127.2	0.375	0.5	0.25	47.0	−22.1	29.6	36.9	126.8	11.1	118	0.528	1.0	0.0	85.9	−63.0	82.8	104.1	127.2
282	G00B_050_012$_e$	0.375	0.5	0.375	0.5	0.125	0.437	150	0.375	0.5	0.463	46.4	−8.0	2.5	8.4	162.2	0.375	0.5	0.375	47.6	−17.3	13.1	21.8	142.8	14.1	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
283	G50B_050_012$_e$	0.375	0.5	0.5	0.5	0.125	0.437	210	0.375	0.486	0.5	45.6	−4.2	−3.2	5.3	216.9	0.375	0.5	0.5	48.4	−10.7	−3.5	11.3	198.2	7.0	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
284	G75B_062_025$_e$	0.375	0.5	0.625	0.625	0.25	0.5	240	0.375	0.565	0.625	53.2	−4.7	−9.9	10.9	244.3	0.375	0.5	0.625	49.4	−2.7	−19.8	20.0	262.1	10.8	223	0.0	0.763	1.0	70.0	−19.0	−39.6	43.9	244.3
285	G84B_075_037$_e$	0.375	0.5	0.75	0.75	0.375	0.562	251	0.375	0.641	0.75	60.6	−4.7	−17.1	17.8	254.3	0.375	0.5	0.75	50.7	6.3	−35.4	35.9	280.2	23.5	226	0.0	0.71	1.0	66.3	−12.7	−45.7	47.4	254.3
286	G88B_087_050$_e$	0.375	0.5	0.875	0.875	0.5	0.625	256	0.375	0.717	0.875	68.0	−4.7	−24.3	24.7	258.9	0.375	0.5	0.875	52.3	16.1	−50.2	52.7	287.8	36.7	227	0.0	0.685	1.0	64.5	−9.4	−48.6	49.5	258.9
287	G90B_100_062$_e$	0.375	0.5	1.0	1.0	0.625	0.687	259	0.375	0.793	1.0	75.4	−4.5	−31.4	31.7	261.6	0.375	0.5	1.0	54.1	26.2	−64.3	69.4	292.1	49.8	228	0.0	0.67	1.0	63.4	−7.3	−50.3	50.8	261.6
288	Y38G_062_062$_e$	0.375	0.625	0.0	0.625	0.625	0.312	113	0.449	0.625	0.0	55.0	−29.7	53.4	61.1	119.1	0.375	0.625	0.0	56.3	−39.9	58.9	71.2	124.1	11.6	105	0.719	1.0	0.0	88.1	−47.6	85.4	97.8	119.1
289	Y50G_062_050$_e$	0.375	0.625	0.125	0.625	0.5	0.375	120	0.389	0.625	0.125	54.9	−31.5	41.4	52.0	127.2	0.375	0.625	0.125	56.4	−39.0	52.8	65.7	126.4	13.7	118	0.528	1.0	0.0	85.9	−63.0	82.8	104.1	127.2
290	Y68G_062_037$_e$	0.375	0.625	0.25	0.625	0.375	0.437	131	0.25	0.625	0.352	55.2	−30.0	25.1	39.1	140.0	0.375	0.625	0.25	56.6	−36.6	40.9	54.9	131.8	17.2	165	0.0	1.0	0.273	83.8	−80.1	67.0	104.4	140.0
291	G00B_062_025$_e$	0.375	0.625	0.375	0.625	0.25	0.5	150	0.375	0.625	0.551	57.0	−16.1	5.1	16.9	162.2	0.375	0.625	0.375	57.0	−32.5	25.9	41.6	141.4	26.4	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
292	G25B_062_025$_e$	0.375	0.625	0.5	0.625	0.25	0.5	180	0.375	0.625	0.612	57.4	−12.4	−2.1	12.6	189.6	0.375	0.625	0.5	57.6	−26.8	9.8	28.5	159.7	18.6	207	0.0	1.0	0.951	86.5	−49.9	−8.4	50.6	189.6
293	G50B_062_025$_e$	0.375	0.625	0.625	0.625	0.25	0.5	210	0.375	0.597	0.625	55.5	−8.5	−6.4	10.7	216.9	0.375	0.625	0.625	58.5	−19.5	−6.1	20.5	197.5	11.4	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
294	G65B_075_037$_e$	0.375	0.625	0.75	0.75	0.375	0.562	229	0.375	0.678	0.75	63.2	−9.4	−13.1	16.2	234.3	0.375	0.625	0.75	59.5	−11.1	−21.8	24.5	242.9	9.6	220	0.0	0.808	1.0	73.3	−25.2	−35.1	43.2	234.3
295	G75B_087_050$_e$	0.375	0.625	0.875	0.875	0.5	0.625	240	0.375	0.756	0.875	70.8	−9.5	−19.8	21.9	244.3	0.375	0.625	0.875	60.7	−1.8	−36.9	37.0	267.1	21.2	223	0.0	0.763	1.0	70.0	−19.0	−39.6	43.9	244.3
296	G80B_100_062$_e$	0.375	0.625	1.0	1.0	0.625	0.687	247	0.375	0.831	1.0	78.1	−9.4	−27.0	28.6	250.7	0.375	0.625	1.0	62.2	8.0	−51.4	52.1	278.8	34.0	225	0.0	0.73	1.0	67.7	−15.1	−43.2	45.7	250.7
297	Y50G_075_075$_e$	0.375	0.75	0.0	0.75	0.75	0.375	120	0.396	0.75	0.0	64.4	−47.2	62.1	78.0	127.2	0.375	0.75	0.0	65.9	−52.0	66.4	84.4	128.0	6.5	118	0.528	1.0	0.0	85.9	−63.0	82.8	104.1	127.2
298	Y61G_075_062$_e$	0.375	0.75	0.125	0.75	0.625	0.437	127	0.207	0.75	0.125	64.2	−50.8	50.0	71.3	135.4	0.375	0.75	0.125	66.0	−51.2	61.6	80.1	129.7	11.7	142	0.132	1.0	0.0	83.7	−81.2	80.1	114.1	135.4
299	Y76G_075_050$_e$	0.375	0.75	0.25	0.75	0.5	0.5	136	0.25	0.75	0.468	65.9	−38.0	25.7	45.9	145.9	0.375	0.75	0.25	66.2	−49.2	51.5	71.2	133.7	28.1	175	0.0	1.0	0.436	84.1	−76.0	51.4	91.8	145.9
300	G00B_075_037$_e$	0.375	0.75	0.375	0.75	0.375	0.562	150	0.375	0.75	0.639	67.7	−24.2	7.7	25.4	162.2	0.375	0.75	0.375	66.5	−45.8	37.9	59.4	140.3	37.0	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
301	G15B_075_037$_e$	0.375	0.75	0.5	0.75	0.375	0.562	169	0.375	0.75	0.705	68.0	−20.3	0.1	20.3	179.5	0.375	0.75	0.5	67.0	−40.8	22.7	46.7	150.8	30.5	203	0.0	1.0	0.88	86.0	−54.3	0.4	54.3	179.5
302	G34B_075_037$_e$	0.375	0.75	0.625	0.75	0.375	0.562	191	0.375	0.743	0.75	67.8	−16.7	−5.9	17.7	199.6	0.375	0.75	0.625	67.6	−34.5	7.1	35.2	168.2	22.1	210	0.0	0.982	1.0	85.6	−44.5	−15.8	47.3	199.6
303	G50B_075_037$_e$	0.375	0.75	0.75	0.75	0.375	0.562	210	0.375	0.708	0.75	65.4	−12.8	−9.6	16.0	216.9	0.375	0.75	0.75	68.4	−26.9	−8.3	28.2	197.1	14.5	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
304	G61B_087_050$_e$	0.375	0.75	0.875	0.875	0.5	0.625	224	0.375	0.789	0.875	73.1	−13.8	−16.3	21.4	229.7	0.375	0.75	0.875	69.4	−18.4	−23.5	29.8	231.9	9.2	219	0.0	0.829	1.0	74.7	−27.7	−32.7	42.8	229.7
305	G69B_100_062$_e$	0.375	0.75	1.0	1.0	0.625	0.687	233	0.375	0.87	1.0	80.8	−14.4	−23.0	27.1	237.9	0.375	0.75	1.0	70.6	−9.1	−38.2	39.3	256.5	19.0	221	0.0	0.792	1.0	72.1	−23.0	−36.8	43.4	237.9
306	Y58G_087_087$_e$	0.375	0.875	0.0	0.875	0.875	0.437	125	0.27	0.875	0.0	73.8	−66.2	70.7	96.9	133.0	0.375	0.875	0.0	75.4	−62.8	73.9	97.0	130.3	4.8	132	0.309	1.0	0.0	84.4	−75.7	80.9	110.8	133.0
307	Y68G_087_075$_e$	0.375	0.875	0.125	0.875	0.75	0.5	131	0.125	0.875	0.329	74.8	−60.1	50.2	78.3	140.0	0.375	0.875	0.125	75.5	−62.2	69.9	93.6	131.6	19.8	165	0.0	1.0	0.273	83.8	−80.1	67.0	104.4	140.0
308	Y81G_087_062$_e$	0.375	0.875	0.25	0.875	0.625	0.562	139	0.25	0.875	0.57	76.5	−45.8	27.1	53.2	149.4	0.375	0.875	0.25	75.6	−60.5	61.3	86.2	134.6	37.3	180	0.0	1.0	0.513	84.3	−73.3	43.3	85.2	149.4
309	G00B_087_050$_e$	0.375	0.875	0.375	0.875	0.5	0.625	150	0.375	0.875	0.728	78.3	−32.3	10.3	33.9	162.2	0.375	0.875	0.375	75.9	−57.6	49.1	75.7	139.5	46.3	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
310	G11B_087_050$_e$	0.375	0.875	0.5	0.875	0.5	0.625	164	0.375	0.875	0.794	78.7	−28.5	2.4	28.6	175.0	0.375	0.875	0.5	76.2	−53.3	35.0	63.8	146.7	40.9	201	0.0	1.0	0.838	85.8	−57.1	4.9	57.3	175.0
311	G25B_087_050$_e$	0.375	0.875	0.625	0.875	0.5	0.625	180	0.375	0.875	0.85	79.0	−24.9	−4.2	25.3	189.6	0.375	0.875	0.625	76.8	−47.8	20.0	51.8	157.2	33.4	207	0.0	1.0	0.951	86.5	−49.9	−8.4	50.6	189.6
312	G38B_087_050$_e$	0.375	0.875	0.75	0.875	0.5	0.625	196	0.375	0.854	0.875	77.7	−21.0	−9.4	23.0	204.2	0.375	0.875	0.75	77.4	−41.1	4.8	41.4	173.2	24.6	212	0.0	0.958	1.0	83.9	−42.0	−18.9	46.1	204.2
313	G50B_087_050$_e$	0.375	0.875	0.875	0.875	0.5	0.625	210	0.375	0.82	0.875	75.3	−17.1	−12.8	21.4	216.9	0.375	0.875	0.875	78.3	−33.4	−10.2	34.9	196.9	16.8	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
314	G59B_100_062$_e$	0.375	0.875	1.0	1.0	0.625	0.687	221	0.375	0.901	1.0	83.0	−18.1	−19.5	26.6	227.0	0.375	0.875	1.0	79.2	−24.9	−24.9	35.2	225.0	9.4	218	0.0	0.842	1.0	75.6	−29.1	−31.2	42.6	227.0
315	Y63G_100_100$_e$	0.375	1.0	0.0	1.0	1.0	0.5	128	0.0	1.0	0.072	83.6	−82.4	77.9	113.4	136.5	0.375	1.0	0.0	84.7	−72.8	81.2	109.1	131.8	10.2	153	0.0	1.0	0.072	83.6	−82.4	77.9	113.4	136.5
316	Y73G_100_087$_e$	0.375	1.0	0.125	1.0	0.875	0.562	134	0.125	1.0	0.46	85.4	−67.9	50.0	84.3	143.5	0.375	1.0	0.125	84.8	−72.2	78.0	106.3	132.8	28.2	172	0.0	1.0	0.383	84.0	−77.6	57.2	96.4	143.5
317	Y85G_100_075$_e$	0.375	1.0	0.25	1.0	0.75	0.625	141	0.25	1.0	0.664	87.2	−53.8	28.9	61.1	151.7	0.375	1.0	0.25	84.9	−70.8	70.6	100.0	135.0	45.0	183	0.0	1.0	0.553	84.5	−71.8	38.6	81.5	151.7
318	G00B_100_062$_e$	0.375	1.0	0.375	1.0	0.625	0.687	150	0.375	1.0	0.816	88.9	−40.4	12.9	42.4	162.2	0.375	1.0	0.375	85.1	−68.3	59.7	90.7	138.8	54.5	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
319	G09B_100_062$_e$	0.375	1.0	0.5	1.0	0.625	0.687	161	0.375	1.0	0.882	89.3	−36.7	4.9	37.0	172.2	0.375	1.0	0.5	85.4	−64.6	46.5	79.7	144.2	50.2	199	0.0	1.0	0.812	85.7	−58.7	7.9	59.3	172.2
320	G19B_100_062$_e$	0.375	1.0	0.625	1.0	0.625	0.687	173	0.375	1.0	0.941	89.6	−33.0	−1.8	33.1	183.2	0.375	1.0	0.625	85.8	−59.8	32.3	68.0	151.6	43.6	205	0.0	1.0	0.906	86.2	−52.8	−2.9	52.9	183.2
321	G30B_100_062$_e$	0.375	1.0	0.75	1.0	0.625	0.687	187	0.375	1.0	0.998	90.0	−29.0	−8.3	30.1	195.9	0.375	1.0	0.75	86.4	−53.9	17.5	56.7	161.9	36.1	209	0.0	1.0	0.997	86.8	−46.4	−13.2	48.2	195.9
322	G40B_100_062$_e$	0.375	1.0	0.875	1.0	0.625	0.687	199	0.375	0.964	1.0	87.5	−25.3	−12.8	28.4	206.9	0.375	1.0	0.875	87.1	−47.0	2.7	47.1	176.6	26.8	212	0.0	0.943	1.0	82.8	−40.5	−20.5	45.4	206.9
323	G50B_100_062$_e$	0.375	1.0	1.0	1.0	0.625	0.687	210	0.375	0.931	1.0	85.2	−21.4	−16.1	26.8	216.9	0.375	1.0	1.0	87.9	−39.3	−11.8	41.0	196.8	18.5	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9

delta *E' = 24.5**

5−013730−F0

PN090−7N, 8/18−F

TUB-test chart PN09; colour rendering; sRGB
colors and differences, $\Delta E^{*\prime}$, 3D=0, de=1, *sRGB*

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

5−013730−F0

http://130.149.60.45/~farbmetrik/PN09/PN09L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 9/18

n	HIC*Fe	rgb_Fe r	rgb_Fe g	rgb_Fe b	ict_Fe i	ict_Fe c	ict_Fe t	hsi_F,e	rgb*Fe r	rgb*Fe g	rgb*Fe b	LabCh*Fe L	a	b	C	h
324	R00Y_050_050e	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.131	25.4	39.1	18.6	43.3	25.4
325	R26Y_050_050e	0.5	0.0	0.125	0.5	0.5	0.25	376	0.5	0.0	0.214	25.8	40.2	7.0	40.8	9.8
326	R00Y_050_050e	0.5	0.0	0.25	0.5	0.5	0.25	360	0.5	0.0	0.308	26.4	41.8	−5.8	42.2	352.0
327	B61R_050_050e	0.5	0.0	0.375	0.5	0.5	0.25	344	0.5	0.0	0.373	27.0	43.3	−14.1	45.6	341.8
328	B50R_050_050e	0.5	0.0	0.5	0.5	0.5	0.25	330	0.5	0.0	0.495	28.5	47.0	−28.7	55.1	328.6
329	B40R_062_062e	0.5	0.0	0.625	0.625	0.625	0.312	319	0.455	0.0	0.625	29.0	53.3	−47.7	71.5	318.1
330	B34R_075_075e	0.5	0.0	0.75	0.75	0.75	0.375	311	0.333	0.0	0.75	27.8	59.3	−69.1	91.1	310.5
331	B29R_087_087e	0.5	0.0	0.875	0.875	0.875	0.437	305	0.0	0.102	0.875	28.3	61.2	−87.7	107.0	304.9
332	B25R_100_100e	0.5	0.0	1.0	1.0	1.0	0.5	300	0.0	0.27	1.0	38.2	52.7	−90.7	104.9	300.1
333	R23Y_050_050e	0.5	0.125	0.0	0.5	0.5	0.25	44	0.5	0.051	0.0	25.6	37.2	32.4	49.3	41.0
334	R00Y_050_037e	0.5	0.125	0.125	0.5	0.375	0.312	390	0.5	0.124	0.223	31.0	29.3	13.9	32.5	25.4
335	R18Y_050_037e	0.5	0.125	0.25	0.5	0.375	0.312	371	0.5	0.124	0.307	31.4	30.4	2.2	30.5	4.3
336	B65R_050_037e	0.5	0.125	0.375	0.5	0.375	0.312	349	0.5	0.124	0.382	32.0	32.0	−7.6	32.9	346.6
337	B50R_050_037e	0.5	0.125	0.5	0.5	0.375	0.312	330	0.5	0.124	0.496	33.3	35.3	−21.5	41.3	328.6
338	B38R_062_050e	0.5	0.125	0.625	0.625	0.5	0.375	316	0.444	0.125	0.625	33.5	41.4	−40.9	58.2	315.3
339	B30R_075_062e	0.5	0.125	0.75	0.75	0.625	0.437	307	0.216	0.125	0.75	31.4	47.7	−63.7	79.6	306.8
340	B25R_087_075e	0.5	0.125	0.875	0.875	0.75	0.5	300	0.125	0.327	0.875	40.6	39.5	−68.0	78.7	300.1
341	B20R_100_087e	0.5	0.125	1.0	1.0	0.875	0.562	295	0.125	0.443	1.0	49.7	34.2	−72.0	79.7	295.4
342	R50Y_050_050e	0.5	0.25	0.0	0.5	0.5	0.25	60	0.5	0.243	0.0	31.5	21.3	35.4	41.3	58.8
343	R31Y_050_037e	0.5	0.25	0.125	0.5	0.375	0.312	49	0.5	0.233	0.124	32.7	23.6	25.0	34.4	46.6
344	R00Y_050_025e	0.5	0.25	0.25	0.5	0.25	0.375	390	0.5	0.249	0.315	36.5	19.5	9.3	21.6	25.4
345	R00Y_050_025e	0.5	0.25	0.375	0.5	0.25	0.375	360	0.5	0.249	0.404	37.0	20.9	−2.9	21.1	352.0
346	B50R_050_025e	0.5	0.25	0.5	0.5	0.25	0.375	330	0.5	0.249	0.497	38.1	23.5	−14.3	27.5	328.6
347	B34R_062_037e	0.5	0.25	0.625	0.625	0.375	0.437	311	0.416	0.25	0.625	37.7	29.6	−34.5	45.5	310.5
348	B25R_075_050e	0.5	0.25	0.75	0.75	0.5	0.5	300	0.25	0.385	0.75	42.9	26.3	−45.3	52.4	300.1
349	B19R_087_062e	0.5	0.25	0.875	0.875	0.625	0.562	293	0.25	0.495	0.875	51.9	21.7	−49.8	54.3	293.5
350	B15R_100_075e	0.5	0.25	1.0	1.0	0.75	0.625	289	0.25	0.58	1.0	59.8	20.2	−56.2	59.8	289.7
351	R76Y_050_050e	0.5	0.375	0.0	0.5	0.5	0.25	76	0.5	0.342	0.0	36.7	9.1	38.8	39.9	76.7
352	R68Y_050_037e	0.5	0.375	0.125	0.5	0.375	0.312	71	0.5	0.359	0.124	38.2	9.6	28.1	29.7	71.1
353	R50Y_050_025e	0.5	0.375	0.25	0.5	0.25	0.375	60	0.5	0.371	0.249	39.6	10.6	17.7	20.6	58.8
354	R00Y_050_012e	0.5	0.375	0.375	0.5	0.125	0.437	390	0.5	0.375	0.407	42.1	9.7	4.6	10.8	25.4
355	B50R_050_012e	0.5	0.375	0.5	0.5	0.125	0.437	330	0.5	0.375	0.498	42.9	11.7	−7.1	13.7	328.6
356	B25R_062_025e	0.5	0.375	0.625	0.625	0.25	0.5	300	0.375	0.442	0.625	45.3	13.1	−22.6	26.2	300.1
357	B15R_075_037e	0.5	0.375	0.75	0.75	0.375	0.562	289	0.375	0.54	0.75	53.7	10.1	−28.1	29.9	289.7
358	B11R_087_050e	0.5	0.375	0.875	0.875	0.5	0.625	284	0.375	0.625	0.875	61.6	9.1	−34.1	35.3	285.0
359	B09R_100_062e	0.5	0.375	1.0	1.0	0.625	0.687	281	0.375	0.702	1.0	69.1	8.9	−41.3	42.3	282.1
360	Y00G_050_050e	0.5	0.5	0.0	0.5	0.5	0.25	90	0.5	0.428	0.0	41.8	−1.7	42.2	42.2	92.3
361	Y00G_050_037e	0.5	0.5	0.125	0.5	0.375	0.312	90	0.5	0.446	0.124	43.3	−1.2	31.6	31.7	92.3
362	Y00G_050_025e	0.5	0.5	0.25	0.5	0.25	0.375	90	0.5	0.464	0.249	44.7	−0.8	21.1	21.1	92.3
363	Y00G_050_012e	0.5	0.5	0.375	0.5	0.125	0.437	90	0.5	0.482	0.375	46.2	−0.4	10.5	10.5	92.3
364	NW_050e	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	47.7	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	0.576	0.625	55.1	0.2	−7.0	7.0	271.7
366	B00R_075_025e	0.5	0.5	0.75	0.75	0.25	0.625	270	0.5	0.652	0.75	62.5	0.4	−14.1	14.1	271.7
367	B00R_087_037e	0.5	0.5	0.875	0.875	0.375	0.687	270	0.5	0.728	0.875	69.9	0.6	−21.2	21.2	271.7
368	B00R_100_050e	0.5	0.5	1.0	1.0	0.5	0.75	270	0.5	0.804	1.0	77.3	0.8	−28.3	28.3	271.7
369	Y18G_062_062e	0.5	0.625	0.0	0.625	0.625	0.312	101	0.602	0.625	0.0	57.5	−15.2	56.3	58.3	105.1
370	Y23G_062_050e	0.5	0.625	0.125	0.625	0.5	0.375	104	0.578	0.625	0.125	57.4	−14.9	44.4	46.9	108.6
371	Y31G_062_037e	0.5	0.625	0.25	0.625	0.375	0.437	109	0.552	0.625	0.25	57.3	−14.8	32.6	35.8	114.4
372	Y50G_062_025e	0.5	0.625	0.375	0.625	0.25	0.5	120	0.507	0.625	0.375	57.2	−15.7	20.7	26.0	127.2
373	G00B_062_012e	0.5	0.625	0.5	0.625	0.125	0.562	150	0.5	0.625	0.588	58.3	−8.0	2.5	8.4	162.2
374	G50B_062_012e	0.5	0.625	0.625	0.625	0.125	0.562	210	0.5	0.611	0.625	57.5	−4.2	−3.2	5.3	216.9
375	G75B_075_025e	0.5	0.625	0.75	0.75	0.25	0.625	240	0.5	0.69	0.75	65.2	−4.7	−9.9	10.9	244.3
376	G84B_087_037e	0.5	0.625	0.875	0.875	0.375	0.687	251	0.5	0.766	0.875	72.5	−4.7	−17.1	17.8	254.3
377	G88B_100_050e	0.5	0.625	1.0	1.0	0.5	0.75	256	0.5	0.842	1.0	79.9	−4.7	−24.3	24.7	258.9
378	Y31G_075_075e	0.5	0.75	0.0	0.75	0.75	0.375	109	0.604	0.75	0.0	67.0	−29.6	65.3	71.7	114.4
379	Y38G_075_062e	0.5	0.75	0.125	0.75	0.625	0.437	113	0.574	0.75	0.125	67.0	−29.7	53.4	61.1	119.1
380	Y50G_075_050e	0.5	0.75	0.25	0.75	0.5	0.5	120	0.514	0.75	0.25	66.8	−31.5	41.4	52.0	127.2
381	Y68G_075_037e	0.5	0.75	0.375	0.75	0.375	0.562	131	0.375	0.75	0.477	67.2	−30.0	25.1	39.1	140.0
382	G00B_075_025e	0.5	0.75	0.5	0.75	0.25	0.625	150	0.5	0.75	0.676	68.9	−16.1	5.1	16.9	162.2
383	G25B_075_025e	0.5	0.75	0.625	0.75	0.25	0.625	180	0.5	0.75	0.737	69.3	−12.4	−2.1	12.6	189.6
384	G50B_075_025e	0.5	0.75	0.75	0.75	0.25	0.625	210	0.5	0.722	0.75	67.4	−8.5	−6.4	10.7	216.9
385	G65B_087_037e	0.5	0.75	0.875	0.875	0.375	0.687	229	0.5	0.803	0.875	75.1	−9.4	−13.1	16.2	234.3
386	G75B_100_050e	0.5	0.75	1.0	1.0	0.5	0.75	240	0.5	0.881	1.0	82.7	−9.5	−19.8	21.9	244.3
387	Y41G_087_087e	0.5	0.875	0.0	0.875	0.875	0.437	115	0.586	0.875	0.0	76.5	−45.3	74.1	86.9	121.4
388	Y50G_087_075e	0.5	0.875	0.125	0.875	0.75	0.5	120	0.521	0.875	0.125	76.4	−47.2	62.1	78.0	127.2
389	Y61G_087_062e	0.5	0.875	0.25	0.875	0.625	0.562	127	0.332	0.875	0.25	76.2	−50.8	50.0	71.3	135.4
390	Y76G_087_050e	0.5	0.875	0.375	0.875	0.5	0.625	136	0.375	0.875	0.593	77.8	−38.0	25.7	45.9	145.9
391	G00B_087_037e	0.5	0.875	0.5	0.875	0.375	0.687	150	0.5	0.875	0.764	79.6	−24.2	7.7	25.4	162.2
392	G15B_087_037e	0.5	0.875	0.625	0.875	0.375	0.687	169	0.5	0.875	0.83	79.9	−20.3	0.1	20.3	179.5
393	G34B_087_037e	0.5	0.875	0.75	0.875	0.375	0.687	191	0.5	0.868	0.875	79.8	−16.7	−5.9	17.7	199.6
394	G50B_087_037e	0.5	0.875	0.875	0.875	0.375	0.687	210	0.5	0.833	0.875	77.3	−12.8	−9.6	16.0	216.9
395	G61B_100_050e	0.5	0.875	1.0	1.0	0.5	0.75	224	0.5	0.914	1.0	85.0	−13.8	−16.3	21.4	229.7
396	Y50G_100_100e	0.5	1.0	0.0	1.0	1.0	0.5	120	0.528	1.0	0.0	85.9	−63.0	82.8	104.1	127.2
397	Y58G_100_087e	0.5	1.0	0.125	1.0	0.875	0.562	125	0.395	1.0	0.125	85.8	−66.2	70.7	96.9	133.0
398	Y68G_100_075e	0.5	1.0	0.25	1.0	0.75	0.625	131	0.25	1.0	0.454	86.7	−60.1	50.2	78.3	140.0
399	Y81G_100_062e	0.5	1.0	0.375	1.0	0.625	0.687	139	0.375	1.0	0.695	88.5	−45.8	27.1	53.2	149.4
400	G00B_100_050e	0.5	1.0	0.5	1.0	0.5	0.75	150	0.5	1.0	0.853	90.2	−32.3	10.3	33.9	162.2
401	G11B_100_050e	0.5	1.0	0.625	1.0	0.5	0.75	164	0.5	1.0	0.919	90.6	−28.5	2.4	28.6	175.0
402	G25B_100_050e	0.5	1.0	0.75	1.0	0.5	0.75	180	0.5	1.0	0.975	90.9	−24.9	−4.2	25.3	189.6
403	G38B_100_050e	0.5	1.0	0.875	1.0	0.5	0.75	196	0.5	0.979	1.0	89.6	−21.0	−9.4	23.0	204.2
404	G50B_100_050e	0.5	1.0	1.0	1.0	0.5	0.75	210	0.5	0.945	1.0	87.2	−17.1	−12.8	21.4	216.9

n	rgb*'Fe r	rgb*'Fe g	rgb*'Fe b	LabCh*'Fe L	a	b	C	h	DE*'Fe	hsiM,e	rgb*Me r	rgb*Me g	rgb*Me b	LabCh*Me L	a	b	C	h
324	0.5	0.0	0.0	23.7	46.0	35.7	58.2	37.8	18.5	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
325	0.5	0.0	0.125	24.0	46.8	20.3	51.0	23.5	14.9	364	1.0	0.0	0.429	51.6	80.5	14.0	81.7	9.8
326	0.5	0.0	0.25	24.8	48.8	0.4	48.8	0.5	9.5	352	1.0	0.0	0.617	52.9	83.6	−11.6	84.4	352.0
327	0.5	0.0	0.375	26.0	52.0	−18.0	55.1	340.8	9.6	344	1.0	0.0	0.747	54.1	86.7	−28.3	91.2	341.8
328	0.5	0.0	0.5	27.8	56.4	−34.9	66.3	328.2	11.2	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
329	0.5	0.0	0.625	30.0	61.6	−50.3	79.5	320.7	8.7	314	0.729	0.0	1.0	46.5	85.3	−76.3	114.5	318.1
330	0.5	0.0	0.75	32.6	67.4	−64.4	93.2	316.3	10.5	296	0.444	0.0	1.0	37.0	79.0	−92.2	121.5	310.5
331	0.5	0.0	0.875	35.5	73.5	−77.4	106.8	313.5	17.5	263	0.0	0.116	1.0	32.3	70.0	−100.3	122.3	304.9
332	0.5	0.0	1.0	38.5	79.8	−89.7	120.1	311.6	27.1	254	0.0	0.27	1.0	38.2	52.7	−90.7	104.9	300.1
333	0.5	0.125	0.0	26.5	38.1	38.3	54.1	45.1	6.0	35	1.0	0.102	0.0	51.3	74.4	64.8	98.7	41.0
334	0.5	0.125	0.125	26.8	39.0	23.5	45.6	31.1	14.2	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
335	0.5	0.125	0.25	27.4	41.2	4.3	41.4	5.9	11.6	360	1.0	0.0	0.486	51.9	81.1	6.1	81.3	4.3
336	0.5	0.125	0.375	28.5	44.8	−14.1	47.0	342.4	14.7	347	1.0	0.0	0.686	53.6	85.5	−20.3	87.9	346.6
337	0.5	0.125	0.5	30.1	49.6	−31.2	58.6	327.8	17.6	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
338	0.5	0.125	0.625	32.1	55.3	−46.8	72.5	319.7	15.1	309	0.638	0.0	1.0	43.2	82.9	−81.9	116.5	315.3
339	0.5	0.125	0.75	34.5	61.7	−61.2	86.9	315.2	14.5	277	0.145	0.0	1.0	31.2	76.3	−102.0	127.4	306.8
340	0.5	0.125	0.875	37.2	68.3	−74.6	101.2	312.4	29.7	254	0.0	0.27	1.0	38.2	52.7	−90.7	104.9	300.1
341	0.5	0.125	1.0	40.1	75.2	−87.1	115.1	310.7	44.7	248	0.0	0.364	1.0	43.2	39.1	−82.3	91.1	295.4
342	0.5	0.25	0.0	32.3	22.9	42.9	48.6	61.8	7.6	59	1.0	0.487	0.0	63.1	42.7	70.8	82.7	58.8
343	0.5	0.25	0.125	32.5	23.9	30.0	38.4	51.4	4.9	46	1.0	0.29	0.0	55.4	63.0	66.8	91.8	46.6
344	0.5	0.25	0.25	33.0	26.3	12.1	29.0	24.7	8.1	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
345	0.5	0.25	0.375	33.9	30.3	−6.0	30.9	348.7	10.4	352	1.0	0.0	0.617	52.9	83.6	−11.6	84.4	352.0
346	0.5	0.25	0.5	35.2	35.7	−23.2	42.6	326.9	15.3	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
347	0.5	0.25	0.625	36.8	42.2	−39.2	57.6	317.0	13.4	296	0.444	0.0	1.0	37.0	79.0	−92.2	121.5	310.5
348	0.5	0.25	0.75	38.8	49.3	−54.2	73.3	312.3	24.9	254	0.0	0.27	1.0	38.2	52.7	−90.7	104.9	300.1
349	0.5	0.25	0.875	41.1	56.9	−68.1	88.8	309.8	41.1	247	0.0	0.392	1.0	44.9	34.7	−79.7	86.9	293.5
350	0.5	0.25	1.0	43.7	64.7	−81.2	103.8	308.5	53.5	243	0.0	0.44	1.0	47.9	26.9	−75.0	79.7	289.7
351	0.5	0.375	0.0	40.2	4.9	48.0	48.2	84.1	10.6	72	1.0	0.684	0.0	73.5	18.3	77.7	79.8	76.7
352	0.5	0.375	0.125	40.3	5.9	38.1	38.6	81.1	10.8	68	1.0	0.626	0.0	70.1	25.6	75.1	79.3	71.1
353	0.5	0.375	0.25	40.7	8.3	22.2	23.7	69.3	5.2	59	1.0	0.487	0.0	63.1	42.7	70.8	82.7	58.8
354	0.5	0.375	0.375	41.4	12.4	4.8	13.3	21.2	2.7	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
355	0.5	0.375	0.5	42.3	18.0	−12.2	21.8	325.7	8.1	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
356	0.5	0.375	0.625	43.6	24.8	−28.6	37.9	311.0	13.2	254	0.0	0.27	1.0	38.2	52.7	−90.7	104.9	300.1
357	0.5	0.375	0.75	45.2	32.6	−44.0	54.7	306.5	28.8	243	0.0	0.44	1.0	47.9	26.9	−75.0	79.7	289.7
358	0.5	0.375	0.875	47.1	40.9	−58.5	71.4	304.9	42.6	239	0.0	0.5	1.0	51.8	18.3	−68.3	70.7	285.0
359	0.5	0.375	1.0	49.2	49.5	−72.2	87.6	304.4	54.7	238	0.0	0.523	1.0	53.3	14.2	−66.1	67.7	282.1
360	0.5	0.5	0.0	48.9	−12.3	54.2	55.6	102.8	17.5	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
361	0.5	0.5	0.125	49.1	−11.4	46.7	48.0	103.7	19.0	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
362	0.5	0.5	0.25	49.3	−9.2	32.9	34.2	105.6	15.2	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
363	0.5	0.5	0.375	49.8	−5.3	16.6	17.5	107.8	8.6	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
364	0.5	0.5	0.5	50.6	0.0	0.0	0.0	325.3	2.9	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
365	0.5	0.5	0.625	51.6	6.7	−16.3	17.6	292.4	11.8	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
366	0.5	0.5	0.75	52.8	14.4	−31.9	35.1	294.3	24.6	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
367	0.5	0.5	0.875	54.3	23.0	−46.9	52.2	296.1	37.4	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
368	0.5	0.5	1.0	56.0	31.9	−61.1	69.0	297.5	50.0	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
369	0.5	0.625	0.0	58.1	−27.9	61.0	67.1	114.5	13.5	91	0.963	1.0	0.0	92.0	−24.3	90.1	93.3	105.1
370	0.5	0.625	0.125	58.2	−27.1	55.1	61.4	116.1	16.2	94	0.906	1.0	0.0	91.0	−29.9	88.9	93.8	108.6
371	0.5	0.625	0.25	58.4	−25.1	43.4	50.2	120.0	14.9	100	0.806	1.0	0.0	89.4	−39.5	87.0	95.6	114.4
372	0.5	0.625	0.375	58.8	−21.6	28.5	35.8	127.2	9.9	118	0.528	1.0	0.0	85.9	−63.0	82.8	104.1	127.2
373	0.5	0.625	0.5	59.4	−16.7	12.5	20.9	143.1	13.2	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
374	0.5	0.625	0.625	60.1	−10.5	−3.5	11.0	198.4	6.7	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
375	0.5	0.625	0.75	61.1	−3.1	−19.1	19.4	260.7	10.2	223	0.0	0.763	1.0	70.0	−19.0	−39.6	43.9	244.3
376	0.5	0.625	0.875	62.3	5.1	−34.3	34.7	278.5	22.3	226	0.0	0.71	1.0	66.3	−12.7	−45.7	47.4	254.3
377	0.5	0.625	1.0	63.7	14.0	−48.9	50.9	286.0	34.9	227	0.0	0.685	1.0	64.5	−9.4	−48.6	49.5	258.9
378	0.5	0.75	0.0	67.3	−41.7	68.1	79.9	121.4	12.3	100	0.806	1.0	0.0	89.4	−39.5	87.0	95.6	114.4
379	0.5	0.75	0.125	67.4	−41.0	63.4	75.5	122.9	15.0	105	0.719	1.0	0.0	88.1	−47.6	85.4	97.8	119.1
380	0.5	0.75	0.25	67.6	−39.2	53.4	66.3	126.3	14.3	118	0.528	1.0	0.0	85.9	−63.0	82.8	104.1	127.2
381	0.5	0.75	0.375	67.9	−36.2	39.9	53.9	132.2	16.0	165	0.0	1.0	0.273	83.8	−80.1	67.0	104.4	140.0
382	0.5	0.75	0.5	68.3	−31.8	24.8	40.4	142.0	25.1	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
383	0.5	0.75	0.625	69.0	−26.2	9.2	27.8	160.5	17.8	207	0.0	1.0	0.951	86.5	−49.9	−8.4	50.6	189.6
384	0.5	0.75	0.75	69.8	−19.4	−6.2	20.3	197.8	11.0	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
385	0.5	0.75	0.875	70.7	−11.6	−21.4	24.3	241.4	9.6	220	0.0	0.808	1.0	73.3	−25.2	−35.1	43.2	234.3
386	0.5	0.75	1.0	71.9	−3.1	−36.1	36.3	265.0	20.6	223	0.0	0.763	1.0	70.0	−19.0	−39.6	43.9	244.3
387	0.5	0.875	0.0	76.5	−54.0	75.2	92.6	125.6	8.7	108	0.67	1.0	0.0	87.5	−51.8	84.7	99.3	121.4
388	0.5	0.875	0.125	76.6	−53.4	71.4	89.1	126.8	11.1	118	0.528	1.0	0.0	85.9	−63.0	82.8	104.1	127.2
389	0.5	0.875	0.25	76.7	−51.9	62.8	81.5	129.5	12.8	142	0.132	1.0	0.0	83.7	−81.2	80.1	114.1	135.4
390	0.5	0.875	0.375	77.0	−49.2	50.7	70.7	134.1	27.4	175	0.0	1.0	0.436	84.1	−76.0	51.4	91.8	145.9
391	0.5	0.875	0.5	77.4	−45.4	36.6	58.3	141.0	35.8	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
392	0.5	0.875	0.625	77.9	−40.3	21.7	45.8	151.7	29.4	203	0.0	1.0	0.88	86.0	−54.3	0.4	54.3	179.5
393	0.5	0.875	0.75	78.5	−34.2	6.5	34.8	169.1	21.5	210	0.0	0.982	1.0	85.6	−44.5	−15.8	47.3	199.6
394	0.5	0.875	0.875	79.3	−27.1	−8.5	28.4	197.4	14.4	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
395	0.5	0.875	1.0	80.3	−19.1	−23.2	30.1	230.5	9.9	219	0.0	0.829	1.0	74.7	−27.7	−32.7	42.8	229.7
396	0.5	1.0	0.0	85.7	−65.2	82.4	105.1	128.3	2.2	118	0.528	1.0	0.0	85.9	−63.0	82.8	104.1	127.2
397	0.5	1.0	0.125	85.7	−64.7	79.1	102.2	129.2	8.5	132	0.309	1.0	0.0	84.4	−75.7	80.9	110.8	133.0
398	0.5	1.0	0.25	85.8	−63.3	71.8	95.8	131.4	21.8	165	0.0	1.0	0.273	83.8	−80.1	67.0	104.4	140.0
399	0.5	1.0	0.375	86.0	−61.0	60.9	86.3	135.0	37.2	180	0.0	1.0	0.513	84.3	−73.3	43.3	85.2	149.4
400	0.5	1.0	0.5	86.3	−57.6	47.9	75.0	140.2	45.4	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
401	0.5	1.0	0.625	86.8	−53.2	33.6	62.9	147.6	39.9	201	0.0	1.0	0.838	85.8	−57.1	4.9	57.3	175.0
402	0.5	1.0	0.75	87.3	−47.7	18.9	51.3	158.2	32.7	207	0.0	1.0	0.951	86.5	−49.9	−8.4	50.6	189.6
403	0.5	1.0	0.875	88.0	−41.2	4.1	41.4	174.1	24.4	212	0.0	0.958	1.0	83.9	−42.0	−18.9	46.1	204.2
404	0.5	1.0	1.0	88.8	−33.9	−10.4	35.4	197.1	17.0	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9

delta E*' = 18.8

5−013830−F0

PN090−7N, 9/18−F

TUB-test chart PN09; colour rendering; sRGB
colors and differences, ΔE*', 3D=0, de=1, sRGB

input: rgb/cmyk −> rgbe
output: transfer to rgbe

TUB registration: 20130201-PN09/PN09L0NA.TXT /.PS
application for measurement of display output, no separation

TUB material: code=rha4ta

n	HIC*Fe	rgb_Fe			ict_Fe			$h_{si\_F,e}$
405	R00Y_062_062e	0.625	0.0	0.0	0.625	0.625	0.312	390
406	R31Y_062_062e	0.625	0.0	0.125	0.625	0.625	0.312	379
407	R11Y_062_062e	0.625	0.0	0.25	0.625	0.625	0.312	367
408	B69R_062_062e	0.625	0.0	0.375	0.625	0.625	0.312	353
409	B59R_062_062e	0.625	0.0	0.5	0.625	0.625	0.312	341
410	B50R_062_062e	0.625	0.0	0.625	0.625	0.625	0.312	330
411	B42R_075_075e	0.625	0.0	0.75	0.75	0.75	0.375	321
412	B36R_087_087e	0.625	0.0	0.875	0.875	0.875	0.437	314
413	B31R_100_100e	0.625	0.0	1.0	1.0	1.0	0.5	308
414	R18Y_062_062e	0.625	0.125	0.0	0.625	0.625	0.312	41
415	R00Y_062_050e	0.625	0.125	0.125	0.625	0.5	0.375	390
416	R26Y_062_050e	0.625	0.125	0.25	0.625	0.5	0.375	376
417	R00Y_062_050e	0.625	0.125	0.375	0.625	0.5	0.375	360
418	B61R_062_050e	0.625	0.125	0.5	0.625	0.5	0.375	344
419	B50R_062_050e	0.625	0.125	0.625	0.625	0.5	0.375	330
420	B40R_075_062e	0.625	0.125	0.75	0.75	0.625	0.437	319
421	B34R_087_075e	0.625	0.125	0.875	0.875	0.75	0.5	311
422	B29R_100_087e	0.625	0.125	1.0	1.0	0.875	0.562	305
423	R38Y_062_062e	0.625	0.25	0.0	0.625	0.625	0.312	53
424	R23Y_062_050e	0.625	0.25	0.125	0.625	0.5	0.375	44
425	R00Y_062_037e	0.625	0.25	0.25	0.625	0.375	0.437	390
426	R18Y_062_037e	0.625	0.25	0.375	0.625	0.375	0.437	371
427	B65R_062_037e	0.625	0.25	0.5	0.625	0.375	0.437	349
428	B50R_062_037e	0.625	0.25	0.625	0.625	0.375	0.437	330
429	B38R_075_050e	0.625	0.25	0.75	0.75	0.5	0.5	316
430	B30R_087_062e	0.625	0.25	0.875	0.875	0.625	0.562	307
431	B25R_100_075e	0.625	0.25	1.0	1.0	0.75	0.625	300
432	R61Y_062_062e	0.625	0.375	0.0	0.625	0.625	0.312	67
433	R50Y_062_050e	0.625	0.375	0.125	0.625	0.5	0.375	60
434	R31Y_062_037e	0.625	0.375	0.25	0.625	0.375	0.437	49
435	R00Y_062_025e	0.625	0.375	0.375	0.625	0.25	0.5	390
436	R00Y_062_025e	0.625	0.375	0.5	0.625	0.25	0.5	360
437	B50R_062_025e	0.625	0.375	0.625	0.625	0.25	0.5	330
438	B34R_075_037e	0.625	0.375	0.75	0.75	0.375	0.562	311
439	B25R_087_050e	0.625	0.375	0.875	0.875	0.5	0.625	300
440	B19R_100_062e	0.625	0.375	1.0	1.0	0.625	0.687	293
441	R81Y_062_062e	0.625	0.5	0.0	0.625	0.625	0.312	79
442	R76Y_062_050e	0.625	0.5	0.125	0.625	0.5	0.375	76
443	R68Y_062_037e	0.625	0.5	0.25	0.625	0.375	0.437	71
444	R50Y_062_025e	0.625	0.5	0.375	0.625	0.25	0.5	60
445	R00Y_062_012e	0.625	0.5	0.5	0.625	0.125	0.562	390
446	B50R_062_012e	0.625	0.5	0.625	0.625	0.125	0.562	330
447	B25R_075_025e	0.625	0.5	0.75	0.75	0.25	0.625	300
448	B15R_087_037e	0.625	0.5	0.875	0.875	0.375	0.687	289
449	B11R_100_050e	0.625	0.5	1.0	1.0	0.5	0.75	284
450	Y00G_062_062e	0.625	0.625	0.0	0.625	0.625	0.312	90
451	Y00G_062_050e	0.625	0.625	0.125	0.625	0.5	0.375	90
452	Y00G_062_037e	0.625	0.625	0.25	0.625	0.375	0.437	90
453	Y00G_062_025e	0.625	0.625	0.375	0.625	0.25	0.5	90
454	Y00G_062_012e	0.625	0.625	0.5	0.625	0.125	0.562	90
455	NW_062e	0.625	0.625	0.625	0.625	0.0	0.625	360
456	B00R_075_012e	0.625	0.625	0.75	0.75	0.125	0.687	270
457	B00R_087_025e	0.625	0.625	0.875	0.875	0.25	0.75	270
458	B00R_100_037e	0.625	0.625	1.0	1.0	0.375	0.812	270
459	Y15G_075_075e	0.625	0.75	0.0	0.75	0.75	0.375	99
460	Y18G_075_062e	0.625	0.75	0.125	0.75	0.625	0.437	101
461	Y23G_075_050e	0.625	0.75	0.25	0.75	0.5	0.5	104
462	Y31G_075_037e	0.625	0.75	0.375	0.75	0.375	0.562	109
463	Y50G_075_025e	0.625	0.75	0.5	0.75	0.25	0.625	120
464	G00B_075_012e	0.625	0.75	0.625	0.75	0.125	0.687	150
465	G50B_075_012e	0.625	0.75	0.75	0.75	0.125	0.687	210
466	G75B_087_025e	0.625	0.75	0.875	0.875	0.25	0.75	240
467	G84B_100_037e	0.625	0.75	1.0	1.0	0.375	0.812	251
468	Y26G_087_087e	0.625	0.875	0.0	0.875	0.875	0.437	106
469	Y31G_087_075e	0.625	0.875	0.125	0.875	0.75	0.5	109
470	Y38G_087_062e	0.625	0.875	0.25	0.875	0.625	0.562	113
471	Y50G_087_050e	0.625	0.875	0.375	0.875	0.5	0.625	120
472	Y68G_087_037e	0.625	0.875	0.5	0.875	0.375	0.687	131
473	G00B_087_025e	0.625	0.875	0.625	0.875	0.25	0.75	150
474	G25B_087_025e	0.625	0.875	0.75	0.875	0.25	0.75	180
475	G50B_087_025e	0.625	0.875	0.875	0.875	0.25	0.75	210
476	G65B_100_037e	0.625	0.875	1.0	1.0	0.375	0.812	229
477	Y36G_100_100e	0.625	1.0	0.0	1.0	1.0	0.5	112
478	Y41G_100_087e	0.625	1.0	0.125	1.0	0.875	0.562	115
479	Y50G_100_075e	0.625	1.0	0.25	1.0	0.75	0.625	120
480	Y61G_100_062e	0.625	1.0	0.375	1.0	0.625	0.687	127
481	Y76G_100_050e	0.625	1.0	0.5	1.0	0.5	0.75	136
482	G00B_100_037e	0.625	1.0	0.625	1.0	0.375	0.812	150
483	G15B_100_037e	0.625	1.0	0.75	1.0	0.375	0.812	169
484	G34B_100_037e	0.625	1.0	0.875	1.0	0.375	0.812	191
485	G50B_100_037e	0.625	1.0	1.0	1.0	0.375	0.812	210

n	rgb*Fe			LabCh*Fe				
405	0.625	0.0	0.164	31.8	48.9	23.3	54.2	25.4
406	0.625	0.0	0.247	32.1	49.9	11.7	51.2	13.2
407	0.625	0.0	0.333	32.7	51.3	−0.1	51.3	359.8
408	0.625	0.0	0.398	33.2	52.5	−8.8	53.3	350.4
409	0.625	0.0	0.495	34.1	55.1	−21.1	59.0	339.0
410	0.625	0.0	0.619	35.7	58.8	−35.9	68.9	328.6
411	0.588	0.0	0.75	36.4	65.2	−54.6	85.1	320.0
412	0.497	0.0	0.875	35.7	71.1	−75.1	103.5	313.4
413	0.263	0.0	1.0	32.8	76.9	−99.3	125.7	307.7
414	0.625	0.0	0.038	31.5	48.2	37.3	61.0	37.7
415	0.625	0.125	0.256	37.3	39.1	18.6	43.3	25.4
416	0.625	0.125	0.339	37.7	40.2	7.0	40.8	9.8
417	0.625	0.125	0.433	38.4	41.8	−5.8	42.2	352.0
418	0.625	0.125	0.498	39.0	43.3	−14.1	45.6	341.8
419	0.625	0.125	0.62	40.5	47.0	−28.7	55.1	328.6
420	0.58	0.125	0.75	41.0	53.3	−47.7	71.5	318.1
421	0.458	0.125	0.875	39.7	59.3	−69.1	91.1	310.5
422	0.125	0.227	1.0	40.2	61.2	−87.7	107.0	304.9
423	0.625	0.237	0.0	36.4	34.3	42.5	54.7	51.0
424	0.625	0.176	0.125	37.6	37.2	32.4	49.3	41.0
425	0.625	0.25	0.348	42.9	29.3	13.9	32.5	25.4
426	0.625	0.25	0.432	43.3	30.4	2.2	30.5	4.3
427	0.625	0.25	0.507	43.9	32.0	−7.6	32.9	346.6
428	0.625	0.25	0.621	45.2	35.3	−21.5	41.3	328.6
429	0.569	0.25	0.75	45.4	41.4	−40.9	58.2	315.3
430	0.341	0.25	0.875	43.4	47.7	−63.7	79.6	306.8
431	0.25	0.452	1.0	52.5	39.5	−68.0	78.7	300.1
432	0.625	0.36	0.0	42.2	19.8	46.1	50.2	66.6
433	0.625	0.368	0.125	43.4	21.3	35.4	41.3	58.8
434	0.625	0.358	0.25	44.6	23.6	25.0	34.4	46.6
435	0.625	0.375	0.44	48.5	19.5	9.3	21.6	25.4
436	0.625	0.375	0.529	49.0	20.9	−2.9	21.1	352.0
437	0.625	0.375	0.622	50.0	23.5	−14.3	27.5	328.6
438	0.541	0.375	0.75	49.6	29.6	−34.5	45.5	310.5
439	0.375	0.51	0.875	54.8	26.3	−45.3	52.4	300.1
440	0.375	0.62	1.0	63.8	21.7	−49.8	54.3	293.5
441	0.625	0.449	0.0	47.1	8.6	49.3	50.0	80.0
442	0.625	0.467	0.125	48.6	9.1	38.8	39.9	76.7
443	0.625	0.484	0.25	50.1	9.6	28.1	29.7	71.1
444	0.625	0.496	0.375	51.5	10.6	17.7	20.6	58.8
445	0.625	0.5	0.532	54.0	9.7	4.6	10.8	25.4
446	0.625	0.5	0.623	54.8	11.7	−7.1	13.7	328.6
447	0.5	0.567	0.75	57.2	13.1	−22.6	26.2	300.1
448	0.5	0.665	0.875	65.7	10.1	−28.1	29.9	289.7
449	0.5	0.75	1.0	73.6	9.1	−34.1	35.3	285.0
450	0.625	0.535	0.0	52.3	−2.1	52.8	52.8	92.3
451	0.625	0.553	0.125	53.7	−1.7	42.2	42.2	92.3
452	0.625	0.571	0.25	55.2	−1.2	31.6	31.7	92.3
453	0.625	0.589	0.375	56.7	−0.8	21.1	21.1	92.3
454	0.625	0.607	0.5	58.1	−0.4	10.5	10.5	92.3
455	0.625	0.625	0.625	59.6	0.0	0.0	0.0	0.0
456	0.625	0.701	0.75	67.0	0.2	−7.0	7.0	271.7
457	0.625	0.777	0.875	74.4	0.4	−14.1	14.1	271.7
458	0.625	0.853	1.0	81.8	0.6	−21.2	21.2	271.7
459	0.75	0.749	0.0	69.4	−15.4	68.0	69.7	102.7
460	0.727	0.75	0.125	69.4	−15.2	56.3	58.3	105.1
461	0.703	0.75	0.25	69.3	−14.9	44.4	46.9	108.6
462	0.677	0.75	0.375	69.3	−14.8	32.6	35.8	114.4
463	0.632	0.75	0.5	69.2	−15.7	20.7	26.0	127.2
464	0.625	0.75	0.713	70.2	−8.0	2.5	8.4	162.2
465	0.625	0.736	0.75	69.5	−4.2	−3.2	5.3	216.9
466	0.625	0.815	0.875	77.1	−4.7	−9.9	10.9	244.3
467	0.625	0.891	1.0	84.5	−4.7	−17.1	17.8	254.3
468	0.759	0.875	0.0	79.0	−29.5	77.0	82.4	110.9
469	0.729	0.875	0.125	78.9	−29.6	65.3	71.7	114.4
470	0.699	0.875	0.25	78.9	−29.7	53.4	61.1	119.1
471	0.639	0.875	0.375	78.7	−31.5	41.4	52.0	127.2
472	0.5	0.875	0.602	79.1	−30.0	25.1	39.1	140.0
473	0.625	0.875	0.801	80.9	−16.1	5.1	16.9	162.2
474	0.625	0.875	0.862	81.2	−12.4	−2.1	12.6	189.6
475	0.625	0.847	0.875	79.4	−8.5	−6.4	10.7	216.9
476	0.625	0.928	1.0	87.1	−9.4	−13.1	16.2	234.3
477	0.743	1.0	0.0	88.4	−45.5	85.7	97.1	117.9
478	0.711	1.0	0.125	88.5	−45.3	74.1	86.9	121.4
479	0.646	1.0	0.25	88.3	−47.2	62.1	78.0	127.2
480	0.457	1.0	0.375	88.1	−50.8	50.0	71.3	135.4
481	0.5	1.0	0.718	89.7	−38.0	25.7	45.9	145.9
482	0.625	1.0	0.889	91.5	−24.2	7.7	25.4	162.2
483	0.625	1.0	0.955	91.9	−20.3	0.1	20.3	179.5
484	0.625	0.993	1.0	91.7	−16.7	−5.9	17.7	199.6
485	0.625	0.958	1.0	89.2	−12.8	−9.6	16.0	216.9

n	rgb*'Fe			LabCh*'Fe					DE*'Fe	$h_{siM,e}$
405	0.625	0.0	0.0	30.7	54.1	44.5	70.1	39.4	21.9	375
406	0.625	0.0	0.125	31.0	54.7	30.0	62.4	28.7	18.9	366
407	0.625	0.0	0.25	31.5	56.2	10.9	57.2	11.0	12.1	357
408	0.625	0.0	0.375	32.4	58.6	−7.7	59.1	352.5	6.2	350
409	0.625	0.0	0.5	33.8	62.1	−25.0	67.0	338.0	8.0	341
410	0.625	0.0	0.625	35.5	66.4	−41.1	78.1	328.2	9.1	330
411	0.625	0.0	0.75	37.6	71.3	−55.9	90.6	321.8	6.3	318
412	0.625	0.0	0.875	40.0	76.7	−69.8	103.7	317.7	8.8	304
413	0.625	0.0	1.0	42.7	82.5	−82.8	116.8	314.8	20.0	284
414	0.625	0.125	0.0	32.8	48.2	45.9	66.6	43.6	8.7	386
415	0.625	0.125	0.125	33.0	48.8	32.2	58.5	33.3	17.2	375
416	0.625	0.125	0.25	33.5	50.4	13.6	52.2	15.1	12.8	364
417	0.625	0.125	0.375	34.4	53.1	−4.8	53.3	354.8	12.0	352
418	0.625	0.125	0.5	35.6	56.7	−22.2	60.9	338.6	16.0	344
419	0.625	0.125	0.625	37.3	61.3	−38.3	72.3	327.9	17.5	330
420	0.625	0.125	0.75	39.2	66.6	−53.4	85.3	321.2	14.5	314
421	0.625	0.125	0.875	41.5	72.3	−67.4	98.9	317.0	13.3	296
422	0.625	0.125	1.0	44.0	78.4	−80.5	112.4	314.2	19.0	263
423	0.625	0.25	0.0	37.4	35.7	48.5	60.2	53.5	6.1	52
424	0.625	0.25	0.125	37.6	36.4	36.8	51.8	45.2	4.4	35
425	0.625	0.25	0.25	38.0	38.2	19.6	42.9	27.1	11.5	375
426	0.625	0.25	0.375	38.7	41.1	1.5	41.1	2.1	11.6	360
427	0.625	0.25	0.5	39.8	45.1	−15.7	47.8	340.7	15.9	347
428	0.625	0.25	0.625	41.2	50.2	−32.1	59.6	327.4	18.7	330
429	0.625	0.25	0.75	42.9	56.0	−47.4	73.4	319.7	16.2	309
430	0.625	0.25	0.875	44.9	62.4	−61.8	87.9	315.2	14.9	277
431	0.625	0.25	1.0	47.2	69.2	−75.4	102.3	312.5	31.0	254
432	0.625	0.375	0.0	44.1	19.3	52.4	55.9	69.7	6.5	65
433	0.625	0.375	0.125	44.2	20.0	43.2	47.6	65.1	7.9	59
434	0.625	0.375	0.25	44.5	21.8	27.8	35.4	51.9	3.3	46
435	0.625	0.375	0.375	45.1	24.9	10.6	27.0	23.1	6.4	375
436	0.625	0.375	0.5	46.0	29.2	−6.4	29.9	347.5	9.5	352
437	0.625	0.375	0.625	47.1	34.6	−22.9	41.5	326.5	14.3	330
438	0.625	0.375	0.75	48.5	40.9	−38.5	56.2	316.7	12.0	296
439	0.625	0.375	0.875	50.2	47.9	−53.3	71.7	311.9	23.4	254
440	0.625	0.375	1.0	52.1	55.3	−67.3	87.1	309.4	39.6	247
441	0.625	0.5	0.0	51.9	1.9	57.7	57.8	88.0	11.7	74
442	0.625	0.5	0.125	52.0	2.6	50.5	50.6	86.9	13.7	72
443	0.625	0.5	0.25	52.3	4.4	37.1	37.4	83.2	10.6	68
444	0.625	0.5	0.375	52.8	7.4	21.1	22.3	70.5	4.8	59
445	0.625	0.5	0.5	53.4	11.7	4.4	12.6	20.7	2.0	375
446	0.625	0.5	0.625	54.4	17.2	−11.8	20.9	325.5	7.2	330
447	0.625	0.5	0.75	55.5	23.7	−27.6	36.4	310.7	11.8	254
448	0.625	0.5	0.875	56.9	31.0	−42.7	52.8	305.9	26.9	243
449	0.625	0.5	1.0	58.5	38.8	−57.1	69.0	304.2	40.4	239
450	0.625	0.625	0.0	60.4	−14.5	63.8	65.4	102.8	18.5	82
451	0.625	0.625	0.125	60.5	−13.9	58.1	59.7	103.4	21.1	82
452	0.625	0.625	0.25	60.7	−12.2	46.6	48.2	104.7	19.3	82
453	0.625	0.625	0.375	61.1	−9.3	31.9	33.2	106.3	14.4	82
454	0.625	0.625	0.5	61.6	−5.2	16.0	16.8	108.2	8.0	82
455	0.625	0.625	0.625	62.4	0.0	0.0	0.0	325.2	2.7	360
456	0.625	0.625	0.75	63.3	6.3	−15.7	16.9	292.0	11.2	232
457	0.625	0.625	0.875	64.4	13.5	−30.9	33.8	293.6	23.5	232
458	0.625	0.625	1.0	65.7	21.4	−45.6	50.4	295.1	35.8	232
459	0.625	0.75	0.0	69.2	−29.6	70.3	76.3	112.8	14.4	89
460	0.625	0.75	0.125	69.3	−29.0	65.7	71.8	113.8	16.7	91
461	0.625	0.75	0.25	69.4	−27.5	55.9	62.3	116.2	17.0	94
462	0.625	0.75	0.375	69.7	−24.9	42.5	49.3	120.3	14.1	100
463	0.625	0.75	0.5	70.2	−21.1	27.5	34.7	127.5	8.8	118
464	0.625	0.75	0.625	70.8	−16.2	12.0	20.2	143.4	12.5	193
465	0.625	0.75	0.75	71.5	−10.2	−3.4	10.8	198.5	6.3	215
466	0.625	0.75	0.875	72.4	−3.3	−18.6	18.9	259.8	10.0	223
467	0.625	0.75	1.0	73.5	4.3	−33.4	33.7	277.3	21.6	226
468	0.625	0.875	0.0	78.0	−43.3	77.1	88.4	119.3	13.8	96
469	0.625	0.875	0.125	78.1	−42.8	73.2	84.8	120.2	15.3	100
470	0.625	0.875	0.25	78.2	−41.4	64.8	77.0	122.5	16.4	105
471	0.625	0.875	0.375	78.5	−39.1	52.8	65.7	126.4	13.7	118
472	0.625	0.875	0.5	78.8	−35.6	38.8	52.7	132.5	14.8	165
473	0.625	0.875	0.625	79.3	−31.1	23.9	39.3	142.4	24.0	193
474	0.625	0.875	0.75	80.0	−25.6	8.8	27.1	161.0	17.1	207
475	0.625	0.875	0.875	80.7	−19.1	−6.2	20.1	197.9	10.6	215
476	0.625	0.875	1.0	81.7	−11.8	−21.0	24.1	240.4	9.8	220
477	0.625	1.0	0.0	86.9	−55.7	83.9	100.7	123.6	10.5	104
478	0.625	1.0	0.125	87.0	−55.3	80.7	97.8	124.4	12.0	108
479	0.625	1.0	0.25	87.1	−54.1	73.4	91.2	126.3	13.3	118
480	0.625	1.0	0.375	87.3	−52.0	62.7	81.4	129.6	12.7	142
481	0.625	1.0	0.5	87.6	−48.9	49.7	69.7	134.5	26.4	175
482	0.625	1.0	0.625	88.0	−44.8	35.5	57.2	141.6	34.7	193
483	0.625	1.0	0.75	88.5	−39.7	20.8	44.9	152.3	28.5	203
484	0.625	1.0	0.875	89.2	−33.8	6.0	34.3	169.8	21.0	210
485	0.625	1.0	1.0	90.0	−27.0	−8.5	28.3	197.6	14.2	215

delta E*' = 14.9

n	rgb*Me			LabCh*Me				
405	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
406	1.0	0.0	0.395	51.4	79.8	18.7	82.0	13.2
407	1.0	0.0	0.533	52.3	82.1	−0.2	82.1	359.8
408	1.0	0.0	0.637	53.1	84.1	−14.2	85.3	350.4
409	1.0	0.0	0.793	54.7	88.2	−33.8	94.5	339.0
410	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
411	0.784	0.0	1.0	48.6	87.0	−72.8	113.5	320.0
412	0.568	0.0	1.0	40.8	81.3	−85.9	118.3	313.4
413	0.263	0.0	1.0	32.8	76.9	−99.3	125.7	307.7
414	1.0	0.0	0.062	50.5	77.2	59.7	97.6	37.7
415	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
416	1.0	0.0	0.429	51.6	80.5	14.0	81.7	9.8
417	1.0	0.0	0.617	52.9	83.6	−11.6	84.4	352.0
418	1.0	0.0	0.747	54.1	86.7	−28.3	91.2	341.8
419	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
420	0.729	0.0	1.0	46.5	85.3	−76.3	114.5	318.1
421	0.444	0.0	1.0	37.0	79.0	−92.2	121.5	310.5
422	0.0	0.116	1.0	32.3	70.0	−100.3	122.3	304.9
423	1.0	0.379	0.0	58.3	54.9	68.1	87.5	51.0
424	1.0	0.102	0.0	51.3	74.4	64.8	98.7	41.0
425	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
426	1.0	0.0	0.486	51.9	81.1	6.1	81.3	4.3
427	1.0	0.0	0.686	53.6	85.5	−20.3	87.9	346.6
428	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
429	0.638	0.0	1.0	43.2	82.9	−81.9	116.5	315.3
430	0.145	0.0	1.0	31.2	76.3	−102.0	127.4	306.8
431	0.0	0.27	1.0	38.2	52.7	−90.7	104.9	300.1
432	1.0	0.576	0.0	67.6	31.8	73.8	80.4	66.6
433	1.0	0.487	0.0	63.1	42.7	70.8	82.7	58.8
434	1.0	0.29	0.0	55.4	63.0	66.8	91.8	46.6
435	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
436	1.0	0.0	0.617	52.9	83.6	−11.6	84.4	352.0
437	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
438	0.444	0.0	1.0	37.0	79.0	−92.2	121.5	310.5
439	0.0	0.27	1.0	38.2	52.7	−90.7	104.9	300.1
440	0.0	0.392	1.0	44.9	34.7	−79.7	86.9	293.5
441	1.0	0.719	0.0	75.5	13.8	78.9	80.1	80.0
442	1.0	0.684	0.0	73.5	18.3	77.7	79.8	76.7
443	1.0	0.626	0.0	70.1	25.6	75.1	79.3	71.1
444	1.0	0.487	0.0	63.1	42.7	70.8	82.7	58.8
445	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
446	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
447	0.0	0.27	1.0	38.2	52.7	−90.7	104.9	300.1
448	0.0	0.44	1.0	47.9	26.9	−75.0	79.7	289.7
449	0.0	0.5	1.0	51.8	18.3	−68.3	70.7	285.0
450	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
451	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
452	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
453	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
454	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
455	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
456	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
457	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
458	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
459	1.0	0.999	0.0	92.6	−20.6	90.7	93.0	102.7
460	0.963	1.0	0.0	92.0	−24.3	90.1	93.3	105.1
461	0.906	1.0	0.0	91.0	−29.9	88.9	93.8	108.6
462	0.806	1.0	0.0	89.4	−39.5	87.0	95.6	114.4
463	0.528	1.0	0.0	85.9	−63.0	82.8	104.1	127.2
464	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
465	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
466	0.0	0.763	1.0	70.0	−19.0	−39.6	43.9	244.3
467	0.0	0.71	1.0	66.3	−12.7	−45.7	47.4	254.3
468	0.868	1.0	0.0	90.3	−33.7	88.0	94.2	110.9
469	0.806	1.0	0.0	89.4	−39.5	87.0	95.6	114.4
470	0.719	1.0	0.0	88.1	−47.6	85.4	97.8	119.1
471	0.528	1.0	0.0	85.9	−63.0	82.8	104.1	127.2
472	0.0	1.0	0.273	83.8	−80.1	67.0	104.4	140.0
473	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
474	0.0	1.0	0.951	86.5	−49.9	−8.4	50.6	189.6
475	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
476	0.0	0.808	1.0	73.3	−25.2	−35.1	43.2	234.3
477	0.743	1.0	0.0	88.4	−45.5	85.7	97.1	117.9
478	0.67	1.0	0.0	87.5	−51.8	84.7	99.3	121.4
479	0.528	1.0	0.0	85.9	−63.0	82.8	104.1	127.2
480	0.132	1.0	0.0	83.7	−81.2	80.1	114.1	135.4
481	0.0	1.0	0.436	84.1	−76.0	51.4	91.8	145.9
482	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
483	0.0	1.0	0.88	86.0	−54.3	0.4	54.3	179.5
484	0.0	0.982	1.0	85.6	−44.5	−15.8	47.3	199.6
485	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9

5−013930−F0

PN090−7N, 10/18−F

TUB-test chart PN09; colour rendering; sRGB
colors and differences, $\Delta E^{*\prime}$, 3D=0, de=1, *sRGB*

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

TUB registration: 20130201-PN09/PN09L0NA.TXT /.PS TUB material: code=rha4ta
application for measurement of display output, no separation

http://130.149.60.45/~farbmetrik/PN09/PN09L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 11/18

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	0.197	38.1	58.7	27.9	65.0	25.4	0.75	0.0	0.0	37.5	61.9	51.9	80.8	39.9	24.2	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
487	R35Y_075_075e	0.75	0.0	0.125	0.75	0.75	0.375	381	0.75	0.0	0.279	38.5	59.4	16.4	61.6	15.4	0.75	0.0	0.125	37.7	62.4	38.9	73.5	31.9	22.7	368	1.0	0.0	0.373	51.3	79.2	21.9	82.2	15.4
488	R18Y_075_075e	0.75	0.0	0.25	0.75	0.75	0.375	371	0.75	0.0	0.364	38.9	60.8	4.5	61.0	4.3	0.75	0.0	0.25	38.1	63.5	20.8	66.9	18.1	16.5	360	1.0	0.0	0.486	51.9	81.1	6.1	81.3	4.3
489	R00Y_075_075e	0.75	0.0	0.375	0.75	0.75	0.375	360	0.75	0.0	0.463	39.7	62.7	−8.7	63.3	352.0	0.75	0.0	0.375	38.8	65.5	2.4	65.5	2.1	11.5	352	1.0	0.0	0.617	52.9	83.6	−11.6	84.4	352.0
490	B65R_075_075e	0.75	0.0	0.5	0.75	0.75	0.375	349	0.75	0.0	0.514	40.2	64.1	−15.2	65.9	346.6	0.75	0.0	0.5	39.9	68.2	−15.1	69.9	347.4	4.1	347	1.0	0.0	0.686	53.6	85.5	−20.3	87.9	346.6
491	B57R_075_075e	0.75	0.0	0.625	0.75	0.75	0.375	339	0.75	0.0	0.618	41.3	66.8	−28.1	72.5	337.1	0.75	0.0	0.625	41.3	71.8	−31.6	78.4	336.2	6.0	339	1.0	0.0	0.824	55.0	89.1	−37.5	96.7	337.1
492	B50R_075_075e	0.75	0.0	0.75	0.75	0.75	0.375	330	0.75	0.0	0.743	42.8	70.6	−43.0	82.7	328.6	0.75	0.0	0.75	43.0	76.0	−47.0	89.4	328.2	6.6	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
493	B43R_087_087e	0.75	0.0	0.875	0.875	0.875	0.437	322	0.709	0.0	0.875	43.4	76.9	−62.2	98.9	321.0	0.75	0.0	0.875	45.0	80.7	−61.5	101.5	322.6	4.1	319	0.811	0.0	1.0	49.6	87.9	−71.1	113.0	321.0
494	B38R_100_100e	0.75	0.0	1.0	1.0	1.0	0.5	316	0.638	0.0	1.0	43.2	82.9	−81.9	116.5	315.3	0.75	0.0	1.0	47.2	85.8	−75.1	114.1	318.8	8.4	309	0.638	0.0	1.0	43.2	82.9	−81.9	116.5	315.3
495	R15Y_075_075e	0.75	0.125	0.0	0.75	0.75	0.375	39	0.75	0.0	0.092	37.9	57.9	41.3	71.1	35.5	0.75	0.125	0.0	39.1	57.3	52.5	77.8	42.5	11.3	383	1.0	0.0	0.123	50.5	77.2	55.0	94.8	35.5
496	R00Y_075_062e	0.75	0.125	0.125	0.75	0.625	0.437	390	0.75	0.125	0.289	43.7	48.9	23.3	54.2	25.4	0.75	0.125	0.125	39.3	57.8	40.4	70.6	34.9	19.8	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
497	R31Y_075_062e	0.75	0.125	0.25	0.75	0.625	0.437	379	0.75	0.125	0.372	44.0	49.9	11.7	51.2	13.2	0.75	0.125	0.25	39.7	59.0	22.8	63.3	21.1	15.0	366	1.0	0.0	0.395	51.4	79.8	18.7	82.0	13.2
498	R11Y_075_062e	0.75	0.125	0.375	0.75	0.625	0.437	367	0.75	0.125	0.458	44.6	51.3	−0.1	51.3	359.8	0.75	0.125	0.375	40.3	61.0	4.6	61.2	4.3	11.6	357	1.0	0.0	0.533	52.3	82.1	−0.2	82.1	359.8
499	B69R_075_062e	0.75	0.125	0.5	0.75	0.625	0.437	353	0.75	0.125	0.523	45.1	52.5	−8.8	53.3	350.4	0.75	0.125	0.5	41.4	64.0	−12.9	65.2	348.5	12.6	350	1.0	0.0	0.637	53.1	84.1	−14.2	85.3	350.4
500	B59R_075_062e	0.75	0.125	0.625	0.75	0.625	0.437	341	0.75	0.125	0.62	46.1	55.1	−21.1	59.0	339.0	0.75	0.125	0.625	42.7	67.7	−29.4	73.8	336.4	15.4	341	1.0	0.0	0.793	54.7	88.2	−33.8	94.5	339.0
501	B50R_075_062e	0.75	0.125	0.75	0.75	0.625	0.437	330	0.75	0.125	0.744	47.6	58.8	−35.9	68.9	328.6	0.75	0.125	0.75	44.3	72.1	−44.9	84.9	328.0	16.3	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
502	B42R_087_075e	0.75	0.125	0.875	0.875	0.75	0.5	321	0.713	0.125	0.875	48.4	65.2	−54.6	85.1	320.0	0.75	0.125	0.875	46.2	77.0	−59.5	97.3	322.3	12.9	318	0.784	0.0	1.0	48.6	87.0	−72.8	113.5	320.0
503	B36R_100_087e	0.75	0.125	1.0	1.0	0.875	0.562	314	0.622	0.125	1.0	47.6	71.1	−75.1	103.5	313.4	0.75	0.125	1.0	48.4	82.4	−73.2	110.2	318.3	11.4	304	0.568	0.0	1.0	40.8	81.3	−85.9	118.3	313.4
504	R31Y_075_075e	0.75	0.25	0.0	0.75	0.75	0.375	49	0.75	0.217	0.0	41.5	47.3	50.1	68.9	46.6	0.75	0.25	0.0	42.8	47.1	54.2	71.8	49.0	4.3	46	1.0	0.29	0.0	55.4	63.0	66.8	91.8	46.6
505	R18Y_075_062e	0.75	0.25	0.125	0.75	0.625	0.437	41	0.75	0.125	0.163	43.5	48.2	37.3	61.0	37.7	0.75	0.25	0.125	42.9	47.6	43.8	64.7	42.6	6.5	386	1.0	0.0	0.062	50.5	77.2	59.7	97.6	37.7
506	R00Y_075_050e	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.381	49.3	39.1	18.6	43.3	25.4	0.75	0.25	0.25	43.3	48.9	27.4	56.0	29.2	14.4	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
507	R26Y_075_050e	0.75	0.25	0.375	0.75	0.5	0.5	376	0.75	0.25	0.464	49.6	40.2	7.0	40.8	9.8	0.75	0.25	0.375	43.9	51.1	9.6	52.0	10.6	12.5	364	1.0	0.0	0.429	51.6	80.5	14.0	81.7	9.8
508	R00Y_075_050e	0.75	0.25	0.5	0.75	0.5	0.5	360	0.75	0.25	0.558	50.3	41.8	−5.8	42.2	352.0	0.75	0.25	0.5	44.8	54.3	−7.7	54.8	351.8	13.7	352	1.0	0.0	0.617	52.9	83.6	−11.6	84.4	352.0
509	B61R_075_050e	0.75	0.25	0.625	0.75	0.5	0.5	344	0.75	0.25	0.623	50.9	43.3	−14.1	45.6	341.8	0.75	0.25	0.625	46.0	58.3	−24.3	63.1	337.3	18.7	344	1.0	0.0	0.747	54.1	86.7	−28.3	91.2	341.8
510	B50R_075_050e	0.75	0.25	0.75	0.75	0.5	0.5	330	0.75	0.25	0.745	52.4	47.0	−28.7	55.1	328.6	0.75	0.25	0.75	47.5	63.1	−39.9	74.6	327.6	20.1	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
511	B40R_087_062e	0.75	0.25	0.875	0.875	0.625	0.562	319	0.705	0.25	0.875	52.9	53.3	−47.7	71.5	318.1	0.75	0.25	0.875	49.2	68.4	−54.7	87.6	321.3	17.0	314	0.729	0.0	1.0	46.5	85.3	−76.3	114.5	318.1
512	B34R_100_075e	0.75	0.25	1.0	1.0	0.75	0.625	311	0.583	0.25	1.0	51.6	59.3	−69.1	91.1	310.5	0.75	0.25	1.0	51.2	74.3	−68.7	101.2	317.2	15.0	296	0.444	0.0	1.0	37.0	79.0	−92.2	121.5	310.5
513	R50Y_075_075e	0.75	0.375	0.0	0.75	0.75	0.375	60	0.75	0.365	0.0	47.3	32.0	53.1	62.0	58.8	0.75	0.375	0.0	48.5	32.5	57.4	65.9	60.4	4.4	59	1.0	0.487	0.0	63.1	42.7	70.8	82.7	58.8
514	R38Y_075_062e	0.75	0.375	0.125	0.75	0.625	0.437	53	0.75	0.362	0.125	48.4	34.3	42.5	54.7	51.0	0.75	0.375	0.125	48.6	33.0	48.8	59.0	55.9	6.4	52	1.0	0.379	0.0	58.3	54.9	68.1	87.5	51.0
515	R23Y_075_050e	0.75	0.375	0.25	0.75	0.5	0.5	44	0.75	0.301	0.25	49.5	37.2	32.4	49.3	41.0	0.75	0.375	0.25	48.9	34.4	34.1	48.4	44.7	3.3	35	1.0	0.102	0.0	51.3	74.4	64.8	98.7	41.0
516	R00Y_075_037e	0.75	0.375	0.375	0.75	0.375	0.562	390	0.75	0.375	0.473	54.8	29.3	13.9	32.5	25.4	0.75	0.375	0.375	49.4	36.7	17.1	40.5	25.0	9.7	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
517	R18Y_075_037e	0.75	0.375	0.5	0.75	0.375	0.562	371	0.75	0.375	0.557	55.2	30.4	2.2	30.5	4.3	0.75	0.375	0.5	50.1	40.1	0.1	40.1	0.1	11.1	360	1.0	0.0	0.486	51.9	81.1	6.1	81.3	4.3
518	B65R_075_037e	0.75	0.375	0.625	0.75	0.375	0.562	349	0.75	0.375	0.632	55.8	32.0	−7.6	32.9	346.6	0.75	0.375	0.625	51.1	44.4	−16.4	47.4	339.7	15.9	347	1.0	0.0	0.686	53.6	85.5	−20.3	87.9	346.6
519	B50R_075_037e	0.75	0.375	0.75	0.75	0.375	0.562	330	0.75	0.375	0.746	57.2	35.3	−21.5	41.3	328.6	0.75	0.375	0.75	52.4	49.6	−32.2	59.1	327.0	18.4	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
520	B38R_087_050e	0.75	0.375	0.875	0.875	0.5	0.625	316	0.694	0.375	0.875	57.3	41.4	−40.9	58.2	315.3	0.75	0.375	0.875	53.9	55.4	−47.2	72.8	319.5	15.7	309	0.638	0.0	1.0	43.2	82.9	−81.9	116.5	315.3
521	B30R_100_062e	0.75	0.375	1.0	1.0	0.625	0.687	307	0.466	0.375	1.0	55.3	47.7	−63.7	79.6	306.8	0.75	0.375	1.0	55.6	61.8	−61.5	87.2	315.1	14.2	277	0.145	0.0	1.0	31.2	76.3	−102.0	127.4	306.8
522	R68Y_075_075e	0.75	0.5	0.0	0.75	0.75	0.375	71	0.75	0.469	0.0	52.6	19.2	56.3	59.5	71.1	0.75	0.5	0.0	55.4	15.9	61.8	63.8	75.5	7.0	68	1.0	0.626	0.0	70.1	25.6	75.1	79.3	71.1
523	R61Y_075_062e	0.75	0.5	0.125	0.75	0.625	0.437	67	0.75	0.485	0.125	54.1	19.8	46.1	50.2	66.6	0.75	0.5	0.125	55.5	16.4	54.9	57.3	73.3	9.5	65	1.0	0.576	0.0	67.6	31.8	73.8	80.4	66.6
524	R50Y_075_050e	0.75	0.5	0.25	0.75	0.5	0.5	60	0.75	0.493	0.25	55.4	21.3	35.4	41.3	58.8	0.75	0.5	0.25	55.8	17.8	42.0	45.6	66.9	7.5	59	1.0	0.487	0.0	63.1	42.7	70.8	82.7	58.8
525	R31Y_075_037e	0.75	0.5	0.375	0.75	0.375	0.562	49	0.75	0.483	0.375	56.5	23.6	25.0	34.4	46.6	0.75	0.5	0.375	56.2	20.2	26.2	33.1	52.3	3.6	46	1.0	0.29	0.0	55.4	63.0	66.8	91.8	46.6
526	R00Y_075_025e	0.75	0.5	0.5	0.75	0.25	0.625	390	0.75	0.5	0.565	60.4	19.5	9.3	21.6	25.4	0.75	0.5	0.5	56.8	23.7	9.7	25.6	22.2	5.4	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
527	R00Y_075_025e	0.75	0.5	0.625	0.75	0.25	0.625	360	0.75	0.5	0.654	60.9	20.9	−2.9	21.1	352.0	0.75	0.5	0.625	57.6	28.2	−6.6	28.9	346.7	8.8	352	1.0	0.0	0.617	52.9	83.6	−11.6	84.4	352.0
528	B50R_075_025e	0.75	0.5	0.75	0.75	0.25	0.625	330	0.75	0.5	0.747	62.0	23.5	−14.3	27.5	328.6	0.75	0.5	0.75	58.7	33.5	−22.4	40.4	326.2	13.3	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
529	B34R_087_037e	0.75	0.5	0.875	0.875	0.375	0.687	311	0.666	0.5	0.875	61.6	29.6	−34.5	45.5	310.5	0.75	0.5	0.875	60.0	39.7	−37.6	54.7	316.5	10.6	296	0.444	0.0	1.0	37.0	79.0	−92.2	121.5	310.5
530	B25R_100_050e	0.75	0.5	1.0	1.0	0.5	0.75	300	0.5	0.635	1.0	66.8	26.3	−45.3	52.4	300.1	0.75	0.5	1.0	61.4	46.4	−52.2	69.9	311.6	21.8	254	0.0	0.27	1.0	38.2	52.7	−90.7	104.9	300.1
531	R85Y_075_075e	0.75	0.625	0.0	0.75	0.75	0.375	81	0.75	0.557	0.0	57.6	8.0	59.7	60.2	82.2	0.75	0.625	0.0	63.2	−0.7	67.1	67.1	90.6	12.8	75	1.0	0.742	0.0	76.8	10.7	79.6	80.3	82.2
532	R81Y_075_062e	0.75	0.625	0.125	0.75	0.625	0.437	79	0.75	0.574	0.125	59.1	8.6	49.3	50.0	80.0	0.75	0.625	0.125	63.3	−0.2	61.6	61.6	90.2	15.7	74	1.0	0.719	0.0	75.5	13.8	78.9	80.1	80.0
533	R76Y_075_050e	0.75	0.625	0.25	0.75	0.5	0.5	76	0.75	0.592	0.25	60.6	9.1	38.8	39.9	76.7	0.75	0.625	0.25	63.5	1.0	50.4	50.5	88.7	14.4	72	1.0	0.684	0.0	73.5	18.3	77.7	79.8	76.7
534	R68Y_075_037e	0.75	0.625	0.375	0.75	0.375	0.562	71	0.75	0.609	0.375	62.0	9.6	28.1	29.7	71.1	0.75	0.625	0.375	63.8	3.4	35.9	36.1	84.5	10.1	68	1.0	0.626	0.0	70.1	25.6	75.1	79.3	71.1
535	R50Y_075_025e	0.75	0.625	0.5	0.75	0.25	0.625	60	0.75	0.621	0.5	63.4	10.6	17.7	20.6	58.8	0.75	0.625	0.5	64.3	6.8	20.2	21.3	71.2	4.6	59	1.0	0.487	0.0	63.1	42.7	70.8	82.7	58.8
536	R00Y_075_012e	0.75	0.625	0.625	0.75	0.125	0.687	390	0.75	0.625	0.657	65.9	9.7	4.6	10.8	25.4	0.75	0.625	0.625	65.0	11.2	4.2	12.0	20.4	1.8	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
537	B50R_075_012e	0.75	0.625	0.75	0.75	0.125	0.687	330	0.75	0.625	0.748	66.7	11.7	−7.1	13.7	328.6	0.75	0.625	0.75	65.9	16.6	−11.5	20.2	325.3	6.5	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
538	B25R_087_025e	0.75	0.625	0.875	0.875	0.25	0.75	300	0.625	0.692	0.875	69.1	13.1	−22.6	26.2	300.1	0.75	0.625	0.875	67.0	22.8	−26.8	35.2	310.4	10.7	254	0.0	0.27	1.0	38.2	52.7	−90.7	104.9	300.1
539	B15R_100_037e	0.75	0.625	1.0	1.0	0.375	0.812	289	0.625	0.79	1.0	77.6	10.1	−28.1	29.9	289.7	0.75	0.625	1.0	68.2	29.7	−41.5	51.1	305.5	25.5	243	0.0	0.44	1.0	47.9	26.9	−75.0	79.7	289.7
540	Y00G_075_075e	0.75	0.75	0.0	0.75	0.75	0.375	90	0.75	0.642	0.0	62.7	−2.5	63.3	63.4	92.3	0.75	0.75	0.0	71.5	−16.6	73.0	74.9	102.8	19.2	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
541	Y00G_075_062e	0.75	0.75	0.125	0.75	0.625	0.437	90	0.75	0.66	0.125	64.2	−2.1	52.8	52.8	92.3	0.75	0.75	0.125	71.5	−16.1	68.5	70.4	103.2	22.3	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
542	Y00G_075_050e	0.75	0.75	0.25	0.75	0.5	0.5	90	0.75	0.678	0.25	65.7	−1.7	42.2	42.2	92.3	0.75	0.75	0.25	71.7	−14.8	58.9	60.8	104.1	22.1	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
543	Y00G_075_037e	0.75	0.75	0.375	0.75	0.375	0.562	90	0.75	0.696	0.375	67.1	−1.2	31.6	31.7	92.3	0.75	0.75	0.375	72.0	−12.6	45.8	47.5	105.4	18.7	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
544	Y00G_075_025e	0.75	0.75	0.5	0.75	0.25	0.625	90	0.75	0.714	0.5	68.6	−0.8	21.1	21.1	92.3	0.75	0.75	0.5	72.4	−9.4	30.9	32.3	106.9	13.5	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
545	Y00G_075_012e	0.75	0.75	0.625	0.75	0.125	0.687	90	0.75	0.732	0.625	70.0	−0.4	10.5	10.5	92.3	0.75	0.75	0.625	73.0	−5.1	15.4	16.3	108.5	7.4	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
546	NW_075e	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	71.5	0.0	0.0	0.0	0.0	0.75	0.75	0.75	73.7	0.0	0.0	0.0	325.2	2.1	360	1.0	1.0	1.0	95.4	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	0.826	0.875	78.9	0.2	−7.0	7.0	271.7	0.75	0.75	0.875	74.6	6.0	−15.2	16.4	291.7	10.9	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
548	B00R_100_025e	0.75	0.75	1.0	1.0	0.25	0.875	270	0.75	0.902	1.0	86.3	0.4	−14.1	14.1	271.7	0.75	0.75	1.0	75.6	12.8	−30.0	32.7	293.1	22.8	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
549	Y13G_087_087e	0.75	0.875	0.0	0.875	0.875	0.437	98	0.875	0.86	0.0	80.1	−16.2	78.8	80.5	101.6	0.75	0.875	0.0	79.9	−31.3	79.3	85.3	111.5	15.1	89	1.0	0.983	0.0	91.5	−18.5	90.1	92.0	101.6
550	Y15G_087_075e	0.75	0.875	0.125	0.875	0.75	0.5	99	0.875	0.874	0.125	81.3	−15.4	68.0	69.7	102.7	0.75	0.875	0.125	80.0	−30.9	75.6	81.7	112.2	17.2	89	1.0	0.999	0.0	92.6	−20.6	90.7	93.0	102.7
551	Y18G_087_062e	0.75	0.875	0.25	0.875	0.625	0.562	101	0.852	0.875	0.25	81.3	−15.2	56.3	58.3	105.1	0.75	0.875	0.25	80.1	−29.7	67.3	73.6	113.8	18.2	91	0.963	1.0	0.0	92.0	−24.3	90.1	93.3	105.1
552	Y23G_087_050e	0.75	0.875	0.375	0.875	0.5	0.625	104	0.828	0.875	0.375	81.2	−14.9	44.4	46.9	108.6	0.75	0.875	0.375	80.4	−27.6	55.5	62.0	116.5	16.8	94	0.906	1.0	0.0	91.0	−29.9	88.9	93.8	108.6
553	Y31G_087_037e	0.75	0.875	0.5	0.875	0.375	0.687	109	0.802	0.875	0.5	81.2	−14.8	32.6	35.8	114.4	0.75	0.875	0.5	80.7	−24.6	41.5	48.3	120.6	13.3	100	0.806	1.0	0.0	89.4	−39.5	87.0	95.6	114.4
554	Y50G_087_025e	0.75	0.875	0.625	0.875	0.25	0.75	120	0.757	0.875	0.625	81.1	−15.7	20.7	26.0	127.2	0.75	0.875	0.625	81.2	−20.7	26.7	33.8	127.7	7.8	118	0.528	1.0	0.0	85.9	−63.0	82.8	104.1	127.2
555	G00B_087_012e	0.75	0.875	0.75	0.875	0.125	0.812	150	0.75	0.875	0.838	82.2	−8.0	2.5	8.4	162.2	0.75	0.875	0.75	81.8	−15.7	11.6	19.6	143.5	11.9	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
556	G50B_087_025e	0.75	0.875	0.875	0.875	0.125	0.812	210	0.75	0.861	0.875	81.4	−4.2	−3.2	5.3	216.9	0.75	0.875	0.875	82.5	−10.0	−3.3	10.5	198.7	5.8	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
557	G75B_100_025e	0.75	0.875	1.0	1.0	0.25	0.875	240	0.75	0.94	1.0	89.0	−4.7	−9.9	10.9	244.3	0.75	0.875	1.0	83.4	−3.4	−18.1	18.5	259.2	10.0	223	0.0	0.763	1.0	70.0	−19.0	−39.6	43.9	244.3
558	Y23G_100_100e	0.75	1.0	0.0	1.0	1.0	0.5	104	0.906	1.0	0.0	91.0	−29.9	88.9	93.8	108.6	0.75	1.0	0.0	88.5	−44.9	85.8	96.8	117.6	15.4	94	0.906	1.0	0.0	91.0	−29.9	88.9	93.8	108.6
559	Y26G_100_087e	0.75	1.0	0.125	1.0	0.875	0.562	106	0.884	1.0	0.125	90.9	−29.5	77.0	82.4	110.9	0.75	1.0	0.125	88.5	−44.4	82.7	93.9	118.2	16.2	96	0.868	1.0	0.0	90.3	−33.7	88.0	94.2	110.9
560	Y31G_100_075e	0.75	1.0	0.25	1.0	0.75	0.625	109	0.854	1.0	0.25	90.9	−29.6	65.3	71.7	114.4	0.75	1.0	0.25	88.6	−43.4	75.5	87.1	119.8	17.2	100	0.806	1.0	0.0	89.4	−39.5	87.0	95.6	114.4
561	Y38G_100_062e	0.75	1.0	0.375	1.0	0.625	0.687	113	0.824	1.0	0.375	90.8	−29.7	53.4	61.1	119.1	0.75	1.0	0.375	88.8	−41.5	64.8	77.0	122.6	16.5	105	0.719	1.0	0.0	88.1	−47.6	85.4	97.8	119.1
562	Y50G_100_050e	0.75	1.0	0.5	1.0	0.5	0.75	120	0.764	1.0	0.5	90.7	−31.5	41.4	52.0	127.2	0.75	1.0	0.5	89.1	−38.7	51.9	64.8	126.7	12.9	118	0.528	1.0	0.0	85.9	−63.0	82.8	104.1	127.2
563	Y68G_100_037e	0.75	1.0	0.625	1.0	0.375	0.812	131	0.625	1.0	0.727	91.0	−30.0	25.1	39.1	140.0	0.75	1.0	0.625	89.5	−35.1	37.8	51.6	132.8	13.7	165	0.0	1.0	0.273	83.8	−80.1	67.0	104.4	140.0
564	G00B_100_025e	0.75	1.0	0.75	1.0	0.25	0.875	150	0.75	1.0	0.926	92.8	−16.1	5.1	16.9	162.2	0.75	1.0	0.75	90.1	−30.5	23.2	38.3	142.7	23.2	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
565	G25B_100_025e	0.75	1.0	0.875	1.0	0.25	0.875	180	0.75	1.0	0.987	93.1	−12.4	−2.1	12.6	189.6	0.75	1.0	0.875	90.7	−25.1	8.4	26.5	161.3	16.6	207	0.0	1.0	0.951	86.5	−49.9	−8.4	50.6	189.6
566	G50B_100_025e	0.75	1.0	1.0	1.0	0.25	0.875	210	0.75	0.972	1.0	91.3	−8.5	−6.4	10.7	216.9	0.75	1.0	1.0	91.5	−18.9	−6.2	19.9	198.1	10.3	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9

delta E*' = 12.8

5−0131030−F0

PN090−7N, 11/18−F

TUB-test chart PN09; colour rendering; sRGB
colors and differences, ΔE*', 3D=0, de=1, *sRGB*

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

see similar files: http://130.149.60.45/~farbmetrik/PN09/PN09.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

http://130.149.60.45/~farbmetrik/PN09/PN09L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 12/18

TUB registration: 20130201-PN09/PN09L0NA.TXT /.PS
application for measurement of display output, no separation

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	0.23	44.5	68.5	32.6	75.8	25.4	0.875	0.0	0.0	44.1	69.5	58.3	90.8	39.9	25.7	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
568	R36Y_087_087e	0.875	0.0	0.125	0.875	0.875	0.437	382	0.875	0.0	0.315	44.8	69.4	20.6	72.4	16.5	0.875	0.0	0.125	44.2	69.9	47.2	84.3	34.0	26.6	369	1.0	0.0	0.36	51.3	79.3	23.5	82.7	16.5
569	R23Y_087_087e	0.875	0.0	0.25	0.875	0.875	0.437	374	0.875	0.0	0.395	45.3	70.7	9.5	71.4	7.6	0.875	0.0	0.25	44.5	70.8	30.2	77.0	23.1	20.7	363	1.0	0.0	0.452	51.7	80.8	10.8	81.6	7.6
570	R08Y_087_087e	0.875	0.0	0.375	0.875	0.875	0.437	365	0.875	0.0	0.487	45.9	72.4	−2.9	72.4	357.6	0.875	0.0	0.375	45.1	72.4	12.2	73.4	9.5	15.2	356	1.0	0.0	0.557	52.5	82.7	−3.4	82.8	357.6
571	B70R_087_087e	0.875	0.0	0.5	0.875	0.875	0.437	355	0.875	0.0	0.538	46.3	73.1	−9.8	73.8	352.3	0.875	0.0	0.5	46.0	74.6	−5.3	74.8	355.8	4.7	352	1.0	0.0	0.615	52.9	83.5	−11.2	84.3	352.3
572	B63R_087_087e	0.875	0.0	0.625	0.875	0.875	0.437	346	0.875	0.0	0.632	47.2	75.5	−21.9	78.6	343.7	0.875	0.0	0.625	47.1	77.6	−22.1	80.7	344.0	2.0	345	1.0	0.0	0.723	53.9	86.3	−25.1	89.9	343.7
573	B56R_087_087e	0.875	0.0	0.75	0.875	0.875	0.437	338	0.875	0.0	0.735	48.3	78.3	−34.5	85.6	336.1	0.875	0.0	0.75	48.5	81.2	−37.9	89.6	334.9	4.3	338	1.0	0.0	0.84	55.2	89.5	−39.5	97.9	336.1
574	B50R_087_087e	0.875	0.0	0.875	0.875	0.875	0.437	330	0.875	0.0	0.867	50.0	82.3	−50.2	96.5	328.6	0.875	0.0	0.875	50.2	85.3	−52.8	100.3	328.2	3.8	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
575	B44R_100_100e	0.875	0.0	1.0	1.0	1.0	0.5	323	0.837	0.0	1.0	50.7	88.7	−69.4	112.6	321.9	0.875	0.0	1.0	52.1	89.8	−66.9	112.0	323.3	3.0	321	0.837	0.0	1.0	50.7	88.7	−69.4	112.6	321.9
576	R13Y_087_087e	0.875	0.125	0.0	0.875	0.875	0.437	38	0.875	0.0	0.122	44.3	67.7	46.4	82.1	34.3	0.875	0.125	0.0	45.3	65.8	58.8	88.3	41.7	12.6	382	1.0	0.0	0.14	50.6	77.4	53.0	93.8	34.3
577	R00Y_087_075e	0.875	0.125	0.125	0.875	0.75	0.5	390	0.875	0.125	0.322	50.1	58.7	27.9	65.0	25.4	0.875	0.125	0.125	45.5	66.2	48.3	81.9	36.0	22.1	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
578	R35Y_087_075e	0.875	0.125	0.25	0.875	0.75	0.5	381	0.875	0.125	0.404	50.4	59.4	16.4	61.6	15.4	0.875	0.125	0.25	45.8	67.1	31.8	74.3	25.3	17.8	368	1.0	0.0	0.373	51.3	79.2	21.9	82.2	15.4
579	R18Y_087_075e	0.875	0.125	0.375	0.875	0.75	0.5	371	0.875	0.125	0.489	50.9	60.8	4.5	61.0	4.3	0.875	0.125	0.375	46.4	68.8	13.9	70.2	11.4	13.0	360	1.0	0.0	0.486	51.9	81.1	6.1	81.3	4.3
580	R00Y_087_075e	0.875	0.125	0.5	0.875	0.75	0.5	360	0.875	0.125	0.588	51.6	62.7	−8.7	63.3	352.0	0.875	0.125	0.5	47.2	71.1	−3.6	71.2	357.1	10.8	352	1.0	0.0	0.617	52.9	83.6	−11.6	84.4	352.0
581	B65R_087_075e	0.875	0.125	0.625	0.875	0.75	0.5	349	0.875	0.125	0.639	52.1	64.1	−15.2	65.9	346.6	0.875	0.125	0.625	48.3	74.2	−20.3	76.9	344.6	11.8	347	1.0	0.0	0.686	53.6	85.5	−20.3	87.9	346.6
582	B57R_087_075e	0.875	0.125	0.75	0.875	0.75	0.5	339	0.875	0.125	0.743	53.2	66.8	−28.1	72.5	337.1	0.875	0.125	0.75	49.6	77.9	−36.1	85.9	335.1	14.0	339	1.0	0.0	0.824	55.0	89.1	−37.5	96.7	337.1
583	B50R_087_075e	0.875	0.125	0.875	0.875	0.75	0.5	330	0.875	0.125	0.868	54.8	70.6	−43.0	82.7	328.6	0.875	0.125	0.875	51.3	82.1	−51.1	96.7	328.1	14.5	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
584	B43R_100_087e	0.875	0.125	1.0	1.0	0.875	0.562	322	0.834	0.125	1.0	55.3	76.9	−62.2	98.9	321.0	0.875	0.125	1.0	53.1	86.9	−65.3	108.7	323.0	10.6	319	0.811	0.0	1.0	49.6	87.9	−71.1	113.0	321.0
585	R26Y_087_087e	0.875	0.25	0.0	0.875	0.875	0.437	46	0.875	0.173	0.0	46.4	60.9	57.4	83.7	43.3	0.875	0.25	0.0	48.4	57.3	60.1	83.0	46.3	4.9	40	1.0	0.198	0.0	53.0	69.6	65.6	95.7	43.3
586	R15Y_087_075e	0.875	0.25	0.125	0.875	0.75	0.5	39	0.875	0.125	0.217	49.8	57.9	41.3	71.1	35.5	0.875	0.25	0.125	48.5	57.7	50.8	76.9	41.3	9.5	383	1.0	0.0	0.123	50.5	77.2	55.0	94.8	35.5
587	R00Y_087_062e	0.875	0.25	0.25	0.875	0.625	0.562	390	0.875	0.25	0.414	55.6	48.9	23.3	54.2	25.4	0.875	0.25	0.25	48.8	58.7	35.3	68.5	31.0	16.9	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
588	R31Y_087_062e	0.875	0.25	0.375	0.875	0.625	0.562	379	0.875	0.25	0.497	56.0	49.9	11.7	51.2	13.2	0.875	0.25	0.375	49.3	60.4	17.9	63.0	16.5	13.9	366	1.0	0.0	0.395	51.4	79.8	18.7	82.0	13.2
589	R11Y_087_062e	0.875	0.25	0.5	0.875	0.625	0.562	367	0.875	0.25	0.583	56.5	51.3	−0.1	51.3	359.8	0.875	0.25	0.5	50.1	63.0	0.6	63.0	0.5	13.3	357	1.0	0.0	0.533	52.3	82.1	−0.2	82.1	359.8
590	B69R_087_062e	0.875	0.25	0.625	0.875	0.625	0.562	353	0.875	0.25	0.648	57.0	52.5	−8.8	53.3	350.4	0.875	0.25	0.625	51.1	66.2	−16.0	68.1	346.3	16.5	350	1.0	0.0	0.637	53.1	84.1	−14.2	85.3	350.4
591	B59R_087_062e	0.875	0.25	0.75	0.875	0.625	0.562	341	0.875	0.25	0.745	58.0	55.1	−21.1	59.0	339.0	0.875	0.25	0.75	52.3	70.2	−31.9	77.1	335.5	19.3	341	1.0	0.0	0.793	54.7	88.2	−33.8	94.5	339.0
592	B50R_087_062e	0.875	0.25	0.875	0.875	0.625	0.562	330	0.875	0.25	0.869	59.5	58.8	−35.9	68.9	328.6	0.875	0.25	0.875	53.8	74.7	−47.0	88.3	327.8	20.2	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
593	B42R_100_075e	0.875	0.25	1.0	1.0	0.75	0.625	321	0.838	0.25	1.0	60.3	65.2	−54.6	85.1	320.0	0.875	0.25	1.0	55.6	79.8	−61.3	100.7	322.4	16.7	318	0.784	0.0	1.0	48.6	87.0	−72.8	113.5	320.0
594	R41Y_087_087e	0.875	0.375	0.0	0.875	0.875	0.437	55	0.875	0.358	0.0	52.2	45.0	60.4	75.4	53.3	0.875	0.375	0.0	53.2	44.5	62.6	76.8	54.5	2.4	54	1.0	0.41	0.0	59.7	51.4	69.1	86.1	53.3
595	R31Y_087_075e	0.875	0.375	0.125	0.875	0.75	0.5	49	0.875	0.342	0.125	53.4	47.3	50.1	68.9	46.6	0.875	0.375	0.125	53.3	44.9	54.7	70.8	50.6	5.2	46	1.0	0.29	0.0	55.4	63.0	66.8	91.8	46.6
596	R18Y_087_062e	0.875	0.375	0.25	0.875	0.625	0.562	41	0.875	0.25	0.288	55.4	48.2	37.3	61.0	37.7	0.875	0.375	0.25	53.5	45.9	40.7	61.4	41.5	4.4	386	1.0	0.0	0.062	50.5	77.2	59.7	97.6	37.7
597	R00Y_087_050e	0.875	0.375	0.375	0.875	0.5	0.625	390	0.875	0.375	0.506	61.2	39.1	18.6	43.3	25.4	0.875	0.375	0.375	54.0	47.8	24.1	53.6	26.8	12.5	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
598	R26Y_087_050e	0.875	0.375	0.5	0.875	0.5	0.625	376	0.875	0.375	0.589	61.6	40.2	7.0	40.8	9.8	0.875	0.375	0.5	54.6	50.5	7.2	51.0	8.1	12.3	364	1.0	0.0	0.429	51.6	80.5	14.0	81.7	9.8
599	R00Y_087_050e	0.875	0.375	0.625	0.875	0.5	0.625	360	0.875	0.375	0.683	62.2	41.8	−5.8	42.2	352.0	0.875	0.375	0.625	55.5	54.0	−9.3	54.8	350.2	14.3	352	1.0	0.0	0.617	52.9	83.6	−11.6	84.4	352.0
600	B61R_087_050e	0.875	0.375	0.75	0.875	0.5	0.625	344	0.875	0.375	0.748	62.8	43.3	−14.1	45.6	341.8	0.875	0.375	0.75	56.6	58.3	−25.2	63.5	336.5	19.6	344	1.0	0.0	0.747	54.1	86.7	−28.3	91.2	341.8
601	B50R_087_050e	0.875	0.375	0.875	0.875	0.5	0.625	330	0.875	0.375	0.87	64.3	47.0	−28.7	55.1	328.6	0.875	0.375	0.875	58.0	63.2	−40.5	75.0	327.3	20.9	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
602	B40R_100_062e	0.875	0.375	1.0	1.0	0.625	0.687	319	0.83	0.375	1.0	64.8	53.3	−47.7	71.5	318.1	0.875	0.375	1.0	59.5	68.6	−55.0	88.0	321.2	17.7	314	0.729	0.0	1.0	46.5	85.3	−76.3	114.5	318.1
603	R58Y_087_087e	0.875	0.5	0.0	0.875	0.875	0.437	65	0.875	0.483	0.0	58.0	30.5	63.9	70.8	64.4	0.875	0.5	0.0	59.4	29.0	66.2	72.3	66.2	3.0	63	1.0	0.552	0.0	66.3	34.9	73.1	81.0	64.4
604	R50Y_087_075e	0.875	0.5	0.125	0.875	0.75	0.5	60	0.875	0.49	0.125	59.2	32.0	53.1	62.0	58.8	0.875	0.5	0.125	59.4	29.5	59.8	66.7	63.7	7.1	59	1.0	0.487	0.0	63.1	42.7	70.8	82.7	58.8
605	R38Y_087_062e	0.875	0.5	0.25	0.875	0.625	0.562	53	0.875	0.487	0.25	60.3	34.3	42.5	54.7	51.0	0.875	0.5	0.25	59.7	30.6	47.4	56.4	57.1	6.1	52	1.0	0.379	0.0	58.3	54.9	68.1	87.5	51.0
606	R23Y_087_050e	0.875	0.5	0.375	0.875	0.5	0.625	44	0.875	0.426	0.375	61.4	37.2	32.4	49.3	41.0	0.875	0.5	0.375	60.0	32.5	31.9	45.6	44.4	4.8	35	1.0	0.102	0.0	51.3	74.4	64.8	98.7	41.0
607	R00Y_087_037e	0.875	0.5	0.5	0.875	0.375	0.687	390	0.875	0.5	0.598	66.8	29.3	13.9	32.5	25.4	0.875	0.5	0.5	60.6	35.3	15.5	38.6	23.7	8.7	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
608	R18Y_087_037e	0.875	0.5	0.625	0.875	0.375	0.687	371	0.875	0.5	0.682	67.1	30.4	2.2	30.5	4.3	0.875	0.5	0.625	61.3	39.0	−0.7	39.0	358.9	10.8	360	1.0	0.0	0.486	51.9	81.1	6.1	81.3	4.3
609	B65R_087_037e	0.875	0.5	0.75	0.875	0.375	0.687	349	0.875	0.5	0.757	67.8	32.0	−7.6	32.9	346.6	0.875	0.5	0.75	62.3	43.5	−16.6	46.5	339.0	15.5	347	1.0	0.0	0.686	53.6	85.5	−20.3	87.9	346.6
610	B50R_087_037e	0.875	0.5	0.875	0.875	0.375	0.687	330	0.875	0.5	0.871	69.1	35.3	−21.5	41.3	328.6	0.875	0.5	0.875	63.5	48.6	−31.9	58.2	326.7	17.8	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
611	B38R_100_050e	0.875	0.5	1.0	1.0	0.5	0.75	316	0.819	0.5	1.0	69.3	41.4	−40.9	58.2	315.3	0.875	0.5	1.0	64.8	54.4	−46.6	71.7	319.3	14.8	309	0.638	0.0	1.0	43.2	82.9	−81.9	116.5	315.3
612	R73Y_087_087e	0.875	0.625	0.0	0.875	0.875	0.437	74	0.875	0.578	0.0	63.1	18.6	67.1	69.7	74.4	0.875	0.625	0.0	66.5	12.7	70.9	72.0	79.7	7.7	70	1.0	0.661	0.0	72.1	21.3	76.7	79.6	74.4
613	R68Y_087_075e	0.875	0.625	0.125	0.875	0.75	0.5	71	0.875	0.594	0.125	64.5	19.2	56.3	59.5	71.1	0.875	0.625	0.125	66.5	13.2	65.6	66.9	78.6	11.2	68	1.0	0.626	0.0	70.1	25.6	75.1	79.3	71.1
614	R61Y_087_062e	0.875	0.625	0.25	0.875	0.625	0.562	67	0.875	0.61	0.25	66.1	19.8	46.1	50.2	66.6	0.875	0.625	0.25	66.7	14.3	54.8	56.6	75.3	10.3	65	1.0	0.576	0.0	67.6	31.8	73.8	80.4	66.6
615	R50Y_087_050e	0.875	0.625	0.375	0.875	0.5	0.625	60	0.875	0.618	0.375	67.3	21.3	35.4	41.3	58.8	0.875	0.625	0.375	67.0	16.2	40.6	43.7	68.1	7.2	59	1.0	0.487	0.0	63.1	42.7	70.8	82.7	58.8
616	R31Y_087_037e	0.875	0.625	0.5	0.875	0.375	0.687	49	0.875	0.608	0.5	68.4	23.6	25.0	34.4	46.6	0.875	0.625	0.5	67.5	19.0	24.9	31.4	52.6	4.6	46	1.0	0.29	0.0	55.4	63.0	66.8	91.8	46.6
617	R00Y_087_025e	0.875	0.625	0.625	0.875	0.25	0.75	390	0.875	0.625	0.69	72.3	19.5	9.3	21.6	25.4	0.875	0.625	0.625	68.1	22.7	9.0	24.5	21.7	5.2	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
618	R00Y_087_025e	0.875	0.625	0.75	0.875	0.25	0.75	360	0.875	0.625	0.779	72.8	20.9	−2.9	21.1	352.0	0.875	0.625	0.75	68.9	27.3	−6.6	28.1	346.2	8.3	352	1.0	0.0	0.617	52.9	83.6	−11.6	84.4	352.0
619	B50R_087_025e	0.875	0.625	0.875	0.875	0.25	0.75	330	0.875	0.625	0.872	73.9	23.5	−14.3	27.5	328.6	0.875	0.625	0.875	69.9	32.6	−22.0	39.3	325.9	12.5	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
620	B34R_100_037e	0.875	0.625	1.0	1.0	0.375	0.812	311	0.791	0.625	1.0	73.5	29.6	−34.5	45.5	310.5	0.875	0.625	1.0	71.1	38.5	−36.8	53.3	316.3	9.5	296	0.444	0.0	1.0	37.0	79.0	−92.2	121.5	310.5
621	R86Y_087_087e	0.875	0.75	0.0	0.875	0.875	0.437	82	0.875	0.66	0.0	67.8	8.1	70.0	70.5	83.4	0.875	0.75	0.0	74.2	−3.3	76.2	76.3	92.5	14.4	76	1.0	0.754	0.0	77.5	9.2	80.0	80.5	83.4
622	R85Y_087_075e	0.875	0.75	0.125	0.875	0.75	0.5	81	0.875	0.682	0.125	69.5	8.0	59.7	60.2	82.2	0.875	0.75	0.125	74.2	−2.9	71.8	71.9	92.3	17.0	75	1.0	0.742	0.0	76.8	10.7	79.6	80.3	82.2
623	R81Y_087_062e	0.875	0.75	0.25	0.875	0.625	0.562	79	0.875	0.699	0.25	71.0	8.6	49.3	50.0	80.0	0.875	0.75	0.25	74.4	−1.8	62.5	62.5	91.6	17.2	74	1.0	0.719	0.0	75.5	13.8	78.9	80.1	80.0
624	R76Y_087_050e	0.875	0.75	0.375	0.875	0.5	0.625	76	0.875	0.717	0.375	72.5	9.1	38.8	39.9	76.7	0.875	0.75	0.375	74.6	0.0	49.6	49.6	89.9	14.2	72	1.0	0.684	0.0	73.5	18.3	77.7	79.8	76.7
625	R68Y_087_037e	0.875	0.75	0.5	0.875	0.375	0.687	71	0.875	0.734	0.5	74.0	9.6	28.1	29.7	71.1	0.875	0.75	0.5	75.0	2.7	34.8	34.9	85.4	9.6	68	1.0	0.626	0.0	70.1	25.6	75.1	79.3	71.1
626	R50Y_087_025e	0.875	0.75	0.625	0.875	0.25	0.75	60	0.875	0.746	0.625	75.4	10.6	17.7	20.6	58.8	0.875	0.75	0.625	75.6	6.3	19.4	20.5	71.8	4.6	59	1.0	0.487	0.0	63.1	42.7	70.8	82.7	58.8
627	R00Y_087_012e	0.875	0.75	0.75	0.875	0.125	0.812	390	0.875	0.75	0.782	77.9	9.7	4.6	10.8	25.4	0.875	0.75	0.75	76.2	10.8	4.0	11.6	20.3	2.0	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
628	B50R_087_012e	0.875	0.75	0.875	0.875	0.125	0.812	330	0.875	0.75	0.873	78.7	11.7	−7.1	13.7	328.6	0.875	0.75	0.875	77.1	16.1	−11.2	19.6	325.2	6.1	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
629	B25R_100_025e	0.875	0.75	1.0	1.0	0.25	0.875	300	0.75	0.817	1.0	81.1	13.1	−22.6	26.2	300.1	0.875	0.75	1.0	78.1	22.1	−26.1	34.2	310.2	10.0	254	0.0	0.27	1.0	38.2	52.7	−90.7	104.9	300.1
630	Y00G_087_087e	0.875	0.875	0.0	0.875	0.875	0.437	90	0.875	0.749	0.0	73.2	−2.9	73.9	74.0	92.3	0.875	0.875	0.0	82.2	−18.7	82.0	84.1	102.8	19.8	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
631	Y00G_087_075e	0.875	0.875	0.125	0.875	0.75	0.5	90	0.875	0.767	0.125	74.7	−2.5	63.3	63.4	92.3	0.875	0.875	0.125	82.2	−18.3	78.3	80.5	103.1	23.0	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
632	Y00G_087_062e	0.875	0.875	0.25	0.875	0.625	0.562	90	0.875	0.785	0.25	76.1	−2.1	52.8	52.8	92.3	0.875	0.875	0.25	82.4	−17.2	70.3	72.4	103.8	23.9	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
633	Y00G_087_050e	0.875	0.875	0.375	0.875	0.5	0.625	90	0.875	0.803	0.375	77.6	−1.7	42.2	42.2	92.3	0.875	0.875	0.375	82.6	−15.5	58.6	60.6	104.8	21.9	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
634	Y00G_087_037e	0.875	0.875	0.5	0.875	0.375	0.687	90	0.875	0.821	0.5	79.1	−1.2	31.6	31.7	92.3	0.875	0.875	0.5	82.9	−12.9	44.8	46.6	106.0	17.9	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
635	Y00G_087_025e	0.875	0.875	0.625	0.875	0.25	0.75	90	0.875	0.839	0.625	80.5	−0.8	21.1	21.1	92.3	0.875	0.875	0.625	83.4	−9.4	30.0	31.5	107.3	12.7	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
636	Y00G_087_012e	0.875	0.875	0.75	0.875	0.125	0.812	90	0.875	0.857	0.75	82.0	−0.4	10.5	10.5	92.3	0.875	0.875	0.75	84.0	−5.1	15.0	15.8	108.7	6.7	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
637	NW_087e	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	83.4	0.0	0.0	0.0	0.0	0.875	0.875	0.875	84.7	0.0	0.0	0.0	325.2	1.2	360	1.0	1.0	1.0	95.4	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	0.951	1.0	90.8	0.2	−7.0	7.0	271.7	0.875	0.875	1.0	85.5	5.8	−14.8	15.9	291.5	10.9	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
639	Y11G_100_100e	0.875	1.0	0.0	1.0	1.0	0.5	97	1.0	0.966	0.0	90.5	−16.5	89.4	91.0	100.4	0.875	1.0	0.0	90.4	−33.0	88.1	94.1	110.5	16.6	88	1.0	0.966	0.0	90.5	−16.5	89.4	91.0	100.4
640	Y13G_100_087e	0.875	1.0	0.125	1.0	0.875	0.562	98	1.0	0.985	0.125	92.0	−16.2	78.8	80.5	101.6	0.875	1.0	0.125	90.4	−32.7	85.0	91.1	111.0	17.6	89	1.0	0.983	0.0	91.5	−18.5	90.1	92.0	101.6
641	Y15G_100_075e	0.875	1.0	0.25	1.0	0.75	0.625	99	1.0	0.999	0.25	93.3	−15.4	68.0	69.7	102.7	0.875	1.0	0.25	90.5	−31.7	78.0	84.2	112.1	19.3	89	1.0	0.999	0.0	92.6	−20.6	90.7	93.0	102.7
642	Y18G_100_062e	0.875	1.0	0.375	1.0	0.625	0.687	101	0.977	1.0	0.375	93.2	−15.2	56.3	58.3	105.1	0.875	1.0	0.375	90.7	−30.1	67.4	73.8	114.0	18.7	91	0.963	1.0	0.0	92.0	−24.3	90.1	93.3	105.1
643	Y23G_100_050e	0.875	1.0	0.5	1.0	0.5	0.75	104	0.953	1.0	0.5	93.2	−14.9	44.4	46.9	108.6	0.875	1.0	0.5	91.0	−27.6	54.6	61.2	116.8	16.4	94	0.906	1.0	0.0	91.0	−29.9	88.9	93.8	108.6
644	Y31G_100_037e	0.875	1.0	0.625	1.0	0.375	0.812	109	0.927	1.0	0.625	93.1	−14.8	32.6	35.8	114.4	0.875	1.0	0.625	91.4	−24.3	40.6	47.4	120.9	12.5	100	0.806	1.0	0.0	89.4	−39.5	87.0	95.6	114.4
645	Y50G_100_025e	0.875	1.0	0.75	1.0	0.25	0.875	120	0.882	1.0	0.75	93.0	−15.7	20.7	26.0	127.2	0.875	1.0	0.75	91.9	−20.2	26.0	33.0	127.8	7.0	118	0.528	1.0	0.0	85.9	−63.0	82.8	104.1	127.2
646	G00B_100_012e	0.875	1.0	0.875	1.0	0.125	0.937	150	0.875	1.0	0.963	94.1	−8.0	2.5	8.4	162.2	0.875	1.0	0.875	92.5	−15.4	11.3	19.1	143.6	11.5	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
647	G50B_100_012e	0.875	1.0	1.0	1.0	0.125	0.937	210	0.875	0.986	1.0	93.3	−4.2	−3.2	5.3	216.9	0.875	1.0	1.0	93.3	−9.7	−3.3	10.3	198.8	5.5	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9

delta $E^{*\prime}$ = **12.3**

5−0131130−F0

PN090−7N, 12/18−F

TUB-test chart PN09; colour rendering; sRGB
colors and differences, $\Delta E^{*\prime}$, 3D=0, de=1, *sRGB*

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

see similar files: http://130.149.60.45/~farbmetrik/PN09/PN09.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

5−0131130−F0

TUB registration: 20130201-PN09/PN09L0NA.TXT /.PS TUB material: code=rha4ta
application for measurement of display output, no separation

http://130.149.60.45/~farbmetrik/PN09/PN09L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 13/18

n	HIC*Fe	*rgb*_Fe			*ict*_Fe			$h_{si\_F,e}$	*rgb**Fe			*LabCh**Fe				
648	R00Y_100_100e	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
649	R38Y_100_100e	1.0	0.0	0.125	1.0	1.0	0.5	383	1.0	0.0	0.348	51.2	79.3	25.2	83.2	17.6
650	R26Y_100_100e	1.0	0.0	0.25	1.0	1.0	0.5	376	1.0	0.0	0.429	51.6	80.5	14.0	81.7	9.8
651	R13Y_100_100e	1.0	0.0	0.375	1.0	1.0	0.5	368	1.0	0.0	0.521	52.2	81.8	1.3	81.8	0.9
652	R00Y_100_100e	1.0	0.0	0.5	1.0	1.0	0.5	360	1.0	0.0	0.617	52.9	83.6	−11.6	84.4	352.0
653	B68R_100_100e	1.0	0.0	0.625	1.0	1.0	0.5	352	1.0	0.0	0.65	53.2	84.5	−15.7	85.9	349.4
654	B61R_100_100e	1.0	0.0	0.75	1.0	1.0	0.5	344	1.0	0.0	0.747	54.1	86.7	−28.3	91.2	341.8
655	B55R_100_100e	1.0	0.0	0.875	1.0	1.0	0.5	337	1.0	0.0	0.855	55.4	89.9	−41.4	99.0	335.2
656	B50R_100_100e	1.0	0.0	1.0	1.0	1.0	0.5	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
657	R11Y_100_100e	1.0	0.125	0.0	1.0	1.0	0.5	37	1.0	0.0	0.156	50.6	77.6	50.9	92.9	33.2
658	R00Y_100_087e	1.0	0.125	0.125	1.0	0.875	0.562	390	1.0	0.125	0.355	56.4	68.5	32.6	75.8	25.4
659	R36Y_100_087e	1.0	0.125	0.25	1.0	0.875	0.562	382	1.0	0.125	0.44	56.8	69.4	20.6	72.4	16.5
660	R23Y_100_087e	1.0	0.125	0.375	1.0	0.875	0.562	374	1.0	0.125	0.52	57.2	70.7	9.5	71.4	7.6
661	R08Y_100_087e	1.0	0.125	0.5	1.0	0.875	0.562	365	1.0	0.125	0.612	57.8	72.4	−2.9	72.4	357.6
662	B70R_100_087e	1.0	0.125	0.625	1.0	0.875	0.562	355	1.0	0.125	0.663	58.2	73.1	−9.8	73.8	352.3
663	B63R_100_087e	1.0	0.125	0.75	1.0	0.875	0.562	346	1.0	0.125	0.757	59.1	75.5	−21.9	78.6	343.7
664	B56R_100_087e	1.0	0.125	0.875	1.0	0.875	0.562	338	1.0	0.125	0.86	60.2	78.3	−34.5	85.6	336.1
665	B50R_100_087e	1.0	0.125	1.0	1.0	0.875	0.562	330	1.0	0.125	0.992	61.9	82.3	−50.2	96.5	328.6
666	R23Y_100_100e	1.0	0.25	0.0	1.0	1.0	0.5	44	1.0	0.102	0.0	51.3	74.4	64.8	98.7	41.0
667	R13Y_100_087e	1.0	0.25	0.125	1.0	0.875	0.562	38	1.0	0.125	0.247	56.2	67.7	46.4	82.1	34.3
668	R00Y_100_075e	1.0	0.25	0.25	1.0	0.75	0.625	390	1.0	0.25	0.447	62.0	58.7	27.9	65.0	25.4
669	R35Y_100_075e	1.0	0.25	0.375	1.0	0.75	0.625	381	1.0	0.25	0.529	62.3	59.4	16.4	61.6	15.4
670	R18Y_100_075e	1.0	0.25	0.5	1.0	0.75	0.625	371	1.0	0.25	0.614	62.8	60.8	4.5	61.0	4.3
671	R00Y_100_075e	1.0	0.25	0.625	1.0	0.75	0.625	360	1.0	0.25	0.713	63.5	62.7	−8.7	63.3	352.0
672	B65R_100_075e	1.0	0.25	0.75	1.0	0.75	0.625	349	1.0	0.25	0.764	64.0	64.1	−15.2	65.9	346.6
673	B57R_100_075e	1.0	0.25	0.875	1.0	0.75	0.625	339	1.0	0.25	0.868	65.1	66.8	−28.1	72.5	337.1
674	B50R_100_075e	1.0	0.25	1.0	1.0	0.75	0.625	330	1.0	0.25	0.993	66.7	70.6	−43.0	82.7	328.6
675	R36Y_100_100e	1.0	0.375	0.0	1.0	1.0	0.5	52	1.0	0.358	0.0	57.6	56.9	67.8	88.5	49.9
676	R26Y_100_087e	1.0	0.375	0.125	1.0	0.875	0.562	46	1.0	0.298	0.125	58.3	60.9	57.4	83.7	43.3
677	R15Y_100_075e	1.0	0.375	0.25	1.0	0.75	0.625	39	1.0	0.25	0.342	61.8	57.9	41.3	71.1	35.5
678	R00Y_100_062e	1.0	0.375	0.375	1.0	0.625	0.687	390	1.0	0.375	0.539	67.6	48.9	23.3	54.2	25.4
679	R31Y_100_062e	1.0	0.375	0.5	1.0	0.625	0.687	379	1.0	0.375	0.622	67.9	49.9	11.7	51.2	13.2
680	R11Y_100_062e	1.0	0.375	0.625	1.0	0.625	0.687	367	1.0	0.375	0.708	68.4	51.3	−0.1	51.3	359.8
681	B69R_100_062e	1.0	0.375	0.75	1.0	0.625	0.687	353	1.0	0.375	0.773	68.9	52.5	−8.8	53.3	350.4
682	B59R_100_062e	1.0	0.375	0.875	1.0	0.625	0.687	341	1.0	0.375	0.87	69.9	55.1	−21.1	59.0	339.0
683	B50R_100_062e	1.0	0.375	1.0	1.0	0.625	0.687	330	1.0	0.375	0.994	71.5	58.8	−35.9	68.9	328.6
684	R50Y_100_100e	1.0	0.5	0.0	1.0	1.0	0.5	60	1.0	0.487	0.0	63.1	42.7	70.8	82.7	58.8
685	R41Y_100_087e	1.0	0.5	0.125	1.0	0.875	0.562	55	1.0	0.483	0.125	64.2	45.0	60.4	75.4	53.3
686	R31Y_100_075e	1.0	0.5	0.25	1.0	0.75	0.625	49	1.0	0.467	0.25	65.4	47.3	50.1	68.9	46.6
687	R18Y_100_062e	1.0	0.5	0.375	1.0	0.625	0.687	41	1.0	0.375	0.413	67.3	48.2	37.3	61.0	37.7
688	R00Y_100_050e	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.631	73.1	39.1	18.6	43.3	25.4
689	R26Y_100_050e	1.0	0.5	0.625	1.0	0.5	0.75	376	1.0	0.5	0.714	73.5	40.2	7.0	40.8	9.8
690	R00Y_100_050e	1.0	0.5	0.75	1.0	0.5	0.75	360	1.0	0.5	0.808	74.1	41.8	−5.8	42.2	352.0
691	B61R_100_050e	1.0	0.5	0.875	1.0	0.5	0.75	344	1.0	0.5	0.873	74.8	43.3	−14.1	45.6	341.8
692	B50R_100_050e	1.0	0.5	1.0	1.0	0.5	0.75	330	1.0	0.5	0.995	76.3	47.0	−28.7	55.1	328.6
693	R63Y_100_100e	1.0	0.625	0.0	1.0	1.0	0.5	68	1.0	0.589	0.0	68.2	30.2	74.2	80.1	67.8
694	R58Y_100_087e	1.0	0.625	0.125	1.0	0.875	0.562	65	1.0	0.608	0.125	69.9	30.5	63.9	70.8	64.4
695	R50Y_100_075e	1.0	0.625	0.25	1.0	0.75	0.625	60	1.0	0.615	0.25	71.1	32.0	53.1	62.0	58.8
696	R38Y_100_062e	1.0	0.625	0.375	1.0	0.625	0.687	53	1.0	0.612	0.375	72.2	34.3	42.5	54.7	51.0
697	R23Y_100_050e	1.0	0.625	0.5	1.0	0.5	0.75	44	1.0	0.551	0.5	73.3	37.2	32.4	49.3	41.0
698	R00Y_100_037e	1.0	0.625	0.625	1.0	0.375	0.812	390	1.0	0.625	0.723	78.7	29.3	13.9	32.5	25.4
699	R18Y_100_037e	1.0	0.625	0.75	1.0	0.375	0.812	371	1.0	0.625	0.807	79.1	30.4	2.2	30.5	4.3
700	B65R_100_037e	1.0	0.625	0.875	1.0	0.375	0.812	349	1.0	0.625	0.882	79.7	32.0	−7.6	32.9	346.6
701	B50R_100_037e	1.0	0.625	1.0	1.0	0.375	0.812	330	1.0	0.625	0.996	81.0	35.3	−21.5	41.3	328.6
702	R76Y_100_100e	1.0	0.75	0.0	1.0	1.0	0.5	76	1.0	0.684	0.0	73.5	18.3	77.7	79.8	76.7
703	R73Y_100_087e	1.0	0.75	0.125	1.0	0.875	0.562	74	1.0	0.703	0.125	75.0	18.6	67.1	69.7	74.4
704	R68Y_100_075e	1.0	0.75	0.25	1.0	0.75	0.625	71	1.0	0.719	0.25	76.4	19.2	56.3	59.5	71.1
705	R61Y_100_062e	1.0	0.75	0.375	1.0	0.625	0.687	67	1.0	0.735	0.375	78.0	19.8	46.1	50.2	66.6
706	R50Y_100_050e	1.0	0.75	0.5	1.0	0.5	0.75	60	1.0	0.743	0.5	79.2	21.3	35.4	41.3	58.8
707	R31Y_100_037e	1.0	0.75	0.625	1.0	0.375	0.812	49	1.0	0.733	0.625	80.4	23.6	25.0	34.4	46.6
708	R00Y_100_025e	1.0	0.75	0.75	1.0	0.25	0.875	390	1.0	0.75	0.815	84.2	19.5	9.3	21.6	25.4
709	R00Y_100_025e	1.0	0.75	0.875	1.0	0.25	0.875	360	1.0	0.75	0.904	84.7	20.9	−2.9	21.1	352.0
710	B50R_100_025e	1.0	0.75	1.0	1.0	0.25	0.875	330	1.0	0.75	0.997	85.8	23.5	−14.3	27.5	328.6
711	R88Y_100_100e	1.0	0.875	0.0	1.0	1.0	0.5	83	1.0	0.767	0.0	78.3	7.7	80.7	81.0	84.5
712	R86Y_100_087e	1.0	0.875	0.125	1.0	0.875	0.562	82	1.0	0.785	0.125	79.7	8.1	70.0	70.5	83.4
713	R85Y_100_075e	1.0	0.875	0.25	1.0	0.75	0.625	81	1.0	0.807	0.25	81.4	8.0	59.7	60.2	82.2
714	R81Y_100_062e	1.0	0.875	0.375	1.0	0.625	0.687	79	1.0	0.824	0.375	82.9	8.6	49.3	50.0	80.0
715	R76Y_100_050e	1.0	0.875	0.5	1.0	0.5	0.75	76	1.0	0.842	0.5	84.4	9.1	38.8	39.9	76.7
716	R68Y_100_037e	1.0	0.875	0.625	1.0	0.375	0.812	71	1.0	0.859	0.625	85.9	9.6	28.1	29.7	71.1
717	R50Y_100_025e	1.0	0.875	0.75	1.0	0.25	0.875	60	1.0	0.871	0.75	87.3	10.6	17.7	20.6	58.8
718	R00Y_100_012e	1.0	0.875	0.875	1.0	0.125	0.937	390	1.0	0.875	0.907	89.8	9.7	4.6	10.8	25.4
719	B50R_100_012e	1.0	0.875	1.0	1.0	0.125	0.937	330	1.0	0.875	0.998	90.6	11.7	−7.1	13.7	328.6
720	Y00G_100_100e	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
721	Y00G_100_087e	1.0	1.0	0.125	1.0	0.875	0.562	90	1.0	0.874	0.125	85.1	−2.9	73.9	74.0	92.3
722	Y00G_100_075e	1.0	1.0	0.25	1.0	0.75	0.625	90	1.0	0.892	0.25	86.6	−2.5	63.3	63.4	92.3
723	Y00G_100_062e	1.0	1.0	0.375	1.0	0.625	0.687	90	1.0	0.91	0.375	88.1	−2.1	52.8	52.8	92.3
724	Y00G_100_050e	1.0	1.0	0.5	1.0	0.5	0.75	90	1.0	0.928	0.5	89.5	−1.7	42.2	42.2	92.3
725	Y00G_100_037e	1.0	1.0	0.625	1.0	0.375	0.812	90	1.0	0.946	0.625	91.0	−1.2	31.6	31.7	92.3
726	Y00G_100_025e	1.0	1.0	0.75	1.0	0.25	0.875	90	1.0	0.964	0.75	92.4	−0.8	21.1	21.1	92.3
727	Y00G_100_012e	1.0	1.0	0.875	1.0	0.125	0.937	90	1.0	0.982	0.875	93.9	−0.4	10.5	10.5	92.3
728	NW_100e	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0

n	*rgb**'Fe			*LabCh**'Fe					*DE**'Fe	$h_{siM,e}$	*rgb**Me			*LabCh**Me				
648	1.0	0.0	0.0	50.4	76.9	64.5	100.4	39.9	27.2	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
649	1.0	0.0	0.125	50.6	77.2	54.9	94.8	35.4	29.7	369	1.0	0.0	0.348	51.2	79.3	25.2	83.2	17.6
650	1.0	0.0	0.25	50.8	77.9	39.2	87.2	26.6	25.3	364	1.0	0.0	0.429	51.6	80.5	14.0	81.7	9.8
651	1.0	0.0	0.375	51.3	79.2	21.6	82.1	15.2	20.4	358	1.0	0.0	0.521	52.2	81.8	1.3	81.8	0.9
652	1.0	0.0	0.5	52.0	81.1	4.1	81.2	2.9	16.0	352	1.0	0.0	0.617	52.9	83.6	−11.6	84.4	352.0
653	1.0	0.0	0.625	53.0	83.6	−12.6	84.6	351.4	3.1	350	1.0	0.0	0.65	53.2	84.5	−15.7	85.9	349.4
654	1.0	0.0	0.75	54.2	86.7	−28.6	91.3	341.6	0.3	344	1.0	0.0	0.747	54.1	86.7	−28.3	91.2	341.8
655	1.0	0.0	0.875	55.6	90.3	−43.9	100.4	334.0	2.5	337	1.0	0.0	0.855	55.4	89.9	−41.4	99.0	335.2
656	1.0	0.0	1.0	57.2	94.3	−58.4	111.0	328.2	1.0	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
657	1.0	0.125	0.0	51.5	73.9	64.9	98.3	41.3	14.4	381	1.0	0.0	0.156	50.6	77.6	50.9	92.9	33.2
658	1.0	0.125	0.125	51.6	74.2	55.7	92.8	36.9	24.2	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
659	1.0	0.125	0.25	51.9	74.9	40.3	85.1	28.3	21.0	369	1.0	0.0	0.36	51.3	79.3	23.5	82.7	16.5
660	1.0	0.125	0.375	52.3	76.3	23.0	79.7	16.7	15.3	363	1.0	0.0	0.452	51.7	80.8	10.8	81.6	7.6
661	1.0	0.125	0.5	53.0	78.2	5.6	78.4	4.1	11.4	356	1.0	0.0	0.557	52.5	82.7	−3.4	82.8	357.6
662	1.0	0.125	0.625	53.9	80.8	−11.1	81.5	352.1	8.8	352	1.0	0.0	0.615	52.9	83.5	−11.2	84.3	352.3
663	1.0	0.125	0.75	55.1	83.9	−27.2	88.2	342.0	10.6	345	1.0	0.0	0.723	53.9	86.3	−25.1	89.9	343.7
664	1.0	0.125	0.875	56.5	87.6	−42.5	97.4	334.1	12.7	338	1.0	0.0	0.84	55.2	89.5	−39.5	97.9	336.1
665	1.0	0.125	1.0	58.1	91.8	−57.0	108.0	328.1	12.1	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
666	1.0	0.25	0.0	54.0	66.7	65.9	93.8	44.6	8.2	35	1.0	0.102	0.0	51.3	74.4	64.8	98.7	41.0
667	1.0	0.25	0.125	54.1	67.0	57.6	88.4	40.7	11.4	382	1.0	0.0	0.14	50.6	77.4	53.0	93.8	34.3
668	1.0	0.25	0.25	54.4	67.8	43.1	80.3	32.4	19.2	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
669	1.0	0.25	0.375	54.8	69.2	26.2	74.0	20.7	15.7	368	1.0	0.0	0.373	51.3	79.2	21.9	82.2	15.4
670	1.0	0.25	0.5	55.5	71.3	9.0	71.8	7.2	13.5	360	1.0	0.0	0.486	51.9	81.1	6.1	81.3	4.3
671	1.0	0.25	0.625	56.3	74.0	−7.6	74.4	354.1	13.4	352	1.0	0.0	0.617	52.9	83.6	−11.6	84.4	352.0
672	1.0	0.25	0.75	57.4	77.3	−23.6	80.8	342.9	16.9	347	1.0	0.0	0.686	53.6	85.5	−20.3	87.9	346.6
673	1.0	0.25	0.875	58.7	81.2	−39.0	90.1	334.3	19.0	339	1.0	0.0	0.824	55.0	89.1	−37.5	96.7	337.1
674	1.0	0.25	1.0	60.2	85.6	−53.6	101.0	327.9	19.4	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
675	1.0	0.375	0.0	58.2	55.4	67.9	87.7	50.7	1.5	50	1.0	0.358	0.0	57.6	56.9	67.8	88.5	49.9
676	1.0	0.375	0.125	58.2	55.8	60.8	82.5	47.4	6.1	40	1.0	0.198	0.0	53.0	69.6	65.6	95.7	43.3
677	1.0	0.375	0.25	58.5	56.6	47.5	73.9	39.9	7.1	383	1.0	0.0	0.123	50.5	77.2	55.0	94.8	35.5
678	1.0	0.375	0.375	58.9	58.1	31.4	66.1	28.3	15.0	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
679	1.0	0.375	0.5	59.4	60.3	14.6	62.1	13.6	13.7	366	1.0	0.0	0.395	51.4	79.8	18.7	82.0	13.2
680	1.0	0.375	0.625	60.2	63.2	−1.8	63.2	358.3	14.5	357	1.0	0.0	0.533	52.3	82.1	−0.2	82.1	359.8
681	1.0	0.375	0.75	61.2	66.7	−17.9	69.1	344.9	18.5	350	1.0	0.0	0.637	53.1	84.1	−14.2	85.3	350.4
682	1.0	0.375	0.875	62.4	70.9	−33.3	78.3	334.8	21.3	341	1.0	0.0	0.793	54.7	88.2	−33.8	94.5	339.0
683	1.0	0.375	1.0	63.8	75.6	−48.0	89.6	327.5	22.0	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
684	1.0	0.5	0.0	63.6	41.3	71.0	82.2	59.7	1.4	59	1.0	0.487	0.0	63.1	42.7	70.8	82.7	58.8
685	1.0	0.5	0.125	63.7	41.7	65.0	77.2	57.3	5.6	54	1.0	0.41	0.0	59.7	51.4	69.1	86.1	53.3
686	1.0	0.5	0.25	63.9	42.6	53.1	68.1	51.2	5.7	46	1.0	0.29	0.0	55.4	63.0	66.8	91.8	46.6
687	1.0	0.5	0.375	64.2	44.1	38.0	58.3	40.7	5.1	386	1.0	0.0	0.062	50.5	77.2	59.7	97.6	37.7
688	1.0	0.5	0.5	64.7	46.4	21.9	51.3	25.2	11.6	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
689	1.0	0.5	0.625	65.4	49.5	5.6	49.8	6.5	12.3	364	1.0	0.0	0.429	51.6	80.5	14.0	81.7	9.8
690	1.0	0.5	0.75	66.3	53.2	−10.2	54.2	349.1	14.5	352	1.0	0.0	0.617	52.9	83.6	−11.6	84.4	352.0
691	1.0	0.5	0.875	67.3	57.6	−25.6	63.1	335.9	19.7	344	1.0	0.0	0.747	54.1	86.7	−28.3	91.2	341.8
692	1.0	0.5	1.0	68.6	62.6	−40.5	74.6	327.0	20.9	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
693	1.0	0.625	0.0	70.1	25.8	75.0	79.3	71.0	4.9	65	1.0	0.589	0.0	68.2	30.2	74.2	80.1	67.8
694	1.0	0.625	0.125	70.1	26.1	70.0	74.7	69.5	7.4	63	1.0	0.552	0.0	66.3	34.9	73.1	81.0	64.4
695	1.0	0.625	0.25	70.3	27.0	59.6	65.4	65.5	8.2	59	1.0	0.487	0.0	63.1	42.7	70.8	82.7	58.8
696	1.0	0.625	0.375	70.6	28.6	45.7	53.9	57.8	6.6	52	1.0	0.379	0.0	58.3	54.9	68.1	87.5	51.0
697	1.0	0.625	0.5	71.0	31.0	30.2	43.3	44.3	6.9	35	1.0	0.102	0.0	51.3	74.4	64.8	98.7	41.0
698	1.0	0.625	0.625	71.6	34.1	14.4	37.0	22.9	8.5	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
699	1.0	0.625	0.75	72.4	37.9	−1.2	37.9	358.1	10.7	360	1.0	0.0	0.486	51.9	81.1	6.1	81.3	4.3
700	1.0	0.625	0.875	73.3	42.5	−16.6	45.6	338.6	15.1	347	1.0	0.0	0.686	53.6	85.5	−20.3	87.9	346.6
701	1.0	0.625	1.0	74.3	47.6	−31.5	57.1	326.4	17.2	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
702	1.0	0.75	0.0	77.2	9.8	79.7	80.3	82.9	9.4	72	1.0	0.684	0.0	73.5	18.3	77.7	79.8	76.7
703	1.0	0.75	0.125	77.3	10.2	75.6	76.2	82.3	12.1	70	1.0	0.661	0.0	72.1	21.3	76.7	79.6	74.4
704	1.0	0.75	0.25	77.4	11.1	66.5	67.4	80.5	13.0	68	1.0	0.626	0.0	70.1	25.6	75.1	79.3	71.1
705	1.0	0.75	0.375	77.6	12.6	53.8	55.3	76.7	10.5	65	1.0	0.576	0.0	67.6	31.8	73.8	80.4	66.6
706	1.0	0.75	0.5	78.0	15.0	39.2	42.0	69.0	7.5	59	1.0	0.487	0.0	63.1	42.7	70.8	82.7	58.8
707	1.0	0.75	0.625	78.5	18.1	24.0	30.0	52.9	5.9	46	1.0	0.29	0.0	55.4	63.0	66.8	91.8	46.6
708	1.0	0.75	0.75	79.2	21.9	8.5	23.5	21.3	5.6	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
709	1.0	0.75	0.875	79.9	26.5	−6.6	27.3	345.9	8.3	352	1.0	0.0	0.617	52.9	83.6	−11.6	84.4	352.0
710	1.0	0.75	1.0	80.9	31.7	−21.5	38.4	325.8	11.9	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
711	1.0	0.875	0.0	84.8	−5.7	85.0	85.2	93.8	15.6	77	1.0	0.767	0.0	78.3	7.7	80.7	81.0	84.5
712	1.0	0.875	0.125	84.8	−5.4	81.5	81.7	93.8	18.4	76	1.0	0.754	0.0	77.5	9.2	80.0	80.5	83.4
713	1.0	0.875	0.25	84.9	−4.5	73.6	73.7	93.5	19.1	75	1.0	0.742	0.0	76.8	10.7	79.6	80.3	82.2
714	1.0	0.875	0.375	85.1	−3.0	62.1	62.2	92.7	17.4	74	1.0	0.719	0.0	75.5	13.8	78.9	80.1	80.0
715	1.0	0.875	0.5	85.5	−0.7	48.5	48.5	90.8	13.9	72	1.0	0.684	0.0	73.5	18.3	77.7	79.8	76.7
716	1.0	0.875	0.625	85.9	2.2	33.9	33.9	86.1	9.3	68	1.0	0.626	0.0	70.1	25.6	75.1	79.3	71.1
717	1.0	0.875	0.75	86.4	6.0	18.8	19.8	72.2	4.8	59	1.0	0.487	0.0	63.1	42.7	70.8	82.7	58.8
718	1.0	0.875	0.875	87.1	10.5	3.8	11.2	20.1	2.8	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
719	1.0	0.875	1.0	87.9	15.7	−10.9	19.1	325.1	6.0	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
720	1.0	1.0	0.0	92.6	−20.6	90.7	93.0	102.8	20.4	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
721	1.0	1.0	0.125	92.7	−20.3	87.7	90.0	103.0	23.4	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
722	1.0	1.0	0.25	92.8	−19.5	80.8	83.1	103.5	25.1	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
723	1.0	1.0	0.375	92.9	−18.0	70.4	72.7	104.3	24.2	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
724	1.0	1.0	0.5	93.2	−15.9	57.8	59.9	105.3	21.3	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
725	1.0	1.0	0.625	93.6	−13.0	43.8	45.7	106.5	17.1	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
726	1.0	1.0	0.75	94.1	−9.3	29.3	30.8	107.7	11.9	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
727	1.0	1.0	0.875	94.7	−5.0	14.6	15.4	108.9	6.1	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
728	1.0	1.0	1.0	95.4	0.0	0.0	0.0	325.2	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0

delta *E' = 12.8**

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

PN090−7N, 13/18−F

TUB-test chart PN09; colour rendering; sRGB
colors and differences, Δ*E**', 3D=0, de=1, *sRGB*

5−0131230−F0

see similar files: http://130.149.60.45/~farbmetrik/PN09/PN09.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20130201-PN09/PN09L0NA.TXT /.PS
application for measurement of display output, no separation

TUB material: code=rha4ta

n	*HIC*$^*_{Fe}$	*rgb*$_{\_Fe}$			*ict*$_{\_Fe}$			$h_{si\_F,e}$	*rgb*$^*_{Fe}$			*LabCh*$^*_{Fe}$					*rgb*$^{*\prime}_{Fe}$			*LabCh*$^{*\prime}_{Fe}$					*DE*$^{*\prime}_{Fe}$	$h_{siM,e}$	*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	95.4	0.0	0.0	0.0	0.0	1.0	1.0	1.0	95.4	0.0	0.0	0.0	325.2	0.0	360	1.0	1.0	1.0	95.4	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	0.986	1.0	93.3	−4.2	−3.2	5.3	216.9	0.875	1.0	1.0	93.3	−9.7	−3.3	10.3	198.8	5.5	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
731	G50B_100_025$_e$	0.75	1.0	1.0	1.0	0.25	0.875	210	0.75	0.972	1.0	91.3	−8.5	−6.4	10.7	216.9	0.75	1.0	1.0	91.5	−18.9	−6.2	19.9	198.1	10.3	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
732	G50B_100_037$_e$	0.625	1.0	1.0	1.0	0.375	0.812	210	0.625	0.958	1.0	89.2	−12.8	−9.6	16.0	216.9	0.625	1.0	1.0	90.0	−27.0	−8.5	28.3	197.6	14.2	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
733	G50B_100_050$_e$	0.5	1.0	1.0	1.0	0.5	0.75	210	0.5	0.945	1.0	87.2	−17.1	−12.8	21.4	216.9	0.5	1.0	1.0	88.8	−33.9	−10.4	35.4	197.1	17.0	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
734	G50B_100_062$_e$	0.375	1.0	1.0	1.0	0.625	0.687	210	0.375	0.931	1.0	85.2	−21.4	−16.1	26.8	216.9	0.375	1.0	1.0	87.9	−39.3	−11.8	41.0	196.8	18.5	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
735	G50B_100_075$_e$	0.25	1.0	1.0	1.0	0.75	0.625	210	0.25	0.917	1.0	83.1	−25.6	−19.3	32.1	216.9	0.25	1.0	1.0	87.3	−43.0	−12.8	44.9	196.5	19.0	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
736	G50B_100_087$_e$	0.125	1.0	1.0	1.0	0.875	0.562	210	0.125	0.903	1.0	81.1	−29.9	−22.5	37.5	216.9	0.125	1.0	1.0	87.0	−45.2	−13.3	47.2	196.4	18.8	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
737	G50B_100_100$_e$	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3	18.7	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
738	R00Y_100_012$_e$	1.0	0.875	0.875	1.0	0.125	0.937	390	1.0	0.875	0.907	89.8	9.7	4.6	10.8	25.4	1.0	0.875	0.875	87.1	10.5	3.8	11.2	20.1	2.8	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	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	83.4	0.0	0.0	0.0	0.0	0.875	0.875	0.875	84.7	0.0	0.0	0.0	325.2	1.2	360	1.0	1.0	1.0	95.4	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	0.861	0.875	81.4	−4.2	−3.2	5.3	216.9	0.75	0.875	0.875	82.5	−10.0	−3.3	10.5	198.7	5.8	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
741	G50B_087_025$_e$	0.625	0.875	0.875	0.875	0.25	0.75	210	0.625	0.847	0.875	79.4	−8.5	−6.4	10.7	216.9	0.625	0.875	0.875	80.7	−19.1	−6.2	20.1	197.9	10.6	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
742	G50B_087_037$_e$	0.5	0.875	0.875	0.875	0.375	0.687	210	0.5	0.833	0.875	77.3	−12.8	−9.6	16.0	216.9	0.5	0.875	0.875	79.3	−27.1	−8.5	28.4	197.4	14.4	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
743	G50B_087_050$_e$	0.375	0.875	0.875	0.875	0.5	0.625	210	0.375	0.82	0.875	75.3	−17.1	−12.8	21.4	216.9	0.375	0.875	0.875	78.3	−33.4	−10.2	34.9	196.9	16.8	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
744	G50B_087_062$_e$	0.25	0.875	0.875	0.875	0.625	0.562	210	0.25	0.806	0.875	73.2	−21.4	−16.1	26.8	216.9	0.25	0.875	0.875	77.5	−37.9	−11.3	39.6	196.6	17.7	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
745	G50B_087_075$_e$	0.125	0.875	0.875	0.875	0.75	0.5	210	0.125	0.792	0.875	71.2	−25.6	−19.3	32.1	216.9	0.125	0.875	0.875	77.1	−40.6	−12.0	42.4	196.4	17.6	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
746	G50B_087_087$_e$	0.0	0.875	0.875	0.875	0.875	0.437	210	0.0	0.778	0.875	69.1	−29.9	−22.5	37.5	216.9	0.0	0.875	0.875	77.0	−41.7	−12.2	43.5	196.3	17.4	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
747	R00Y_100_025$_e$	1.0	0.75	0.75	1.0	0.25	0.875	390	1.0	0.75	0.815	84.2	19.5	9.3	21.6	25.4	1.0	0.75	0.75	79.2	21.9	8.5	23.5	21.3	5.6	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
748	R00Y_087_012$_e$	0.875	0.75	0.75	0.875	0.125	0.812	390	0.875	0.75	0.782	77.9	9.7	4.6	10.8	25.4	0.875	0.75	0.75	76.2	10.8	4.0	11.6	20.3	2.0	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	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	71.5	0.0	0.0	0.0	0.0	0.75	0.75	0.75	73.7	0.0	0.0	0.0	325.2	2.1	360	1.0	1.0	1.0	95.4	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	0.736	0.75	69.5	−4.2	−3.2	5.3	216.9	0.625	0.75	0.75	71.5	−10.2	−3.4	10.8	198.5	6.3	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
751	G50B_075_025$_e$	0.5	0.75	0.75	0.75	0.25	0.625	210	0.5	0.722	0.75	67.4	−8.5	−6.4	10.7	216.9	0.5	0.75	0.75	69.8	−19.4	−6.2	20.3	197.8	11.0	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
752	G50B_075_037$_e$	0.375	0.75	0.75	0.75	0.375	0.562	210	0.375	0.708	0.75	65.4	−12.8	−9.6	16.0	216.9	0.375	0.75	0.75	68.4	−26.9	−8.3	28.2	197.1	14.5	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
753	G50B_075_050$_e$	0.25	0.75	0.75	0.75	0.5	0.5	210	0.25	0.695	0.75	63.3	−17.1	−12.8	21.4	216.9	0.25	0.75	0.75	67.5	−32.5	−9.7	33.9	196.7	16.2	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
754	G50B_075_062$_e$	0.125	0.75	0.75	0.75	0.625	0.437	210	0.125	0.681	0.75	61.3	−21.4	−16.1	26.8	216.9	0.125	0.75	0.75	67.0	−35.8	−10.6	37.3	196.4	16.4	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
755	G50B_075_075$_e$	0.0	0.75	0.75	0.75	0.75	0.375	210	0.0	0.667	0.75	59.3	−25.6	−19.3	32.1	216.9	0.0	0.75	0.75	66.8	−37.1	−10.9	38.7	196.3	16.1	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
756	R00Y_100_037$_e$	1.0	0.625	0.625	1.0	0.375	0.812	390	1.0	0.625	0.723	78.7	29.3	13.9	32.5	25.4	1.0	0.625	0.625	71.6	34.1	14.4	37.0	22.9	8.5	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
757	R00Y_087_025$_e$	0.875	0.625	0.625	0.875	0.25	0.75	390	0.875	0.625	0.69	72.3	19.5	9.3	21.6	25.4	0.875	0.625	0.625	68.1	22.7	9.0	24.5	21.7	5.2	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
758	R00Y_075_012$_e$	0.75	0.625	0.625	0.75	0.125	0.687	390	0.75	0.625	0.657	65.9	9.7	4.6	10.8	25.4	0.75	0.625	0.625	65.0	11.2	4.2	12.0	20.4	1.8	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	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	59.6	0.0	0.0	0.0	0.0	0.625	0.625	0.625	62.4	0.0	0.0	0.0	325.2	2.7	360	1.0	1.0	1.0	95.4	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	0.611	0.625	57.5	−4.2	−3.2	5.3	216.9	0.5	0.625	0.625	60.1	−10.5	−3.5	11.0	198.4	6.7	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
761	G50B_062_025$_e$	0.375	0.625	0.625	0.625	0.25	0.5	210	0.375	0.597	0.625	55.5	−8.5	−6.4	10.7	216.9	0.375	0.625	0.625	58.5	−19.5	−6.1	20.5	197.5	11.4	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
762	G50B_062_037$_e$	0.25	0.625	0.625	0.625	0.375	0.437	210	0.25	0.583	0.625	53.5	−12.8	−9.6	16.0	216.9	0.25	0.625	0.625	57.3	−26.4	−8.0	27.6	196.9	14.2	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
763	G50B_062_050$_e$	0.125	0.625	0.625	0.625	0.5	0.375	210	0.125	0.57	0.625	51.4	−17.1	−12.8	21.4	216.9	0.125	0.625	0.625	56.6	−30.7	−9.1	32.0	196.5	15.0	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
764	G50B_062_062$_e$	0.0	0.625	0.625	0.625	0.625	0.312	210	0.0	0.556	0.625	49.4	−21.4	−16.1	26.8	216.9	0.0	0.625	0.625	56.3	−32.4	−9.5	33.8	196.3	14.6	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
765	R00Y_100_050$_e$	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.631	73.1	39.1	18.6	43.3	25.4	1.0	0.5	0.5	64.7	46.4	21.9	51.3	25.2	11.6	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
766	R00Y_087_037$_e$	0.875	0.5	0.5	0.875	0.375	0.687	390	0.875	0.5	0.598	66.8	29.3	13.9	32.5	25.4	0.875	0.5	0.5	60.6	35.3	15.5	38.6	23.7	8.7	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
767	R00Y_075_025$_e$	0.75	0.5	0.5	0.75	0.25	0.625	390	0.75	0.5	0.565	60.4	19.5	9.3	21.6	25.4	0.75	0.5	0.5	56.8	23.7	9.7	25.6	22.2	5.4	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
768	R00Y_062_012$_e$	0.625	0.5	0.5	0.625	0.125	0.562	390	0.625	0.5	0.532	54.0	9.7	4.6	10.8	25.4	0.625	0.5	0.5	53.4	11.7	4.4	12.6	20.7	2.0	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	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	47.7	0.0	0.0	0.0	0.0	0.5	0.5	0.5	50.6	0.0	0.0	0.0	325.3	2.9	360	1.0	1.0	1.0	95.4	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	0.486	0.5	45.6	−4.2	−3.2	5.3	216.9	0.375	0.5	0.5	48.4	−10.7	−3.5	11.3	198.2	7.0	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
771	G50B_050_025$_e$	0.25	0.5	0.5	0.5	0.25	0.375	210	0.249	0.472	0.5	43.6	−8.5	−6.4	10.7	216.9	0.25	0.5	0.5	46.8	−19.5	−6.0	20.4	197.2	11.4	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
772	G50B_050_037$_e$	0.125	0.5	0.5	0.5	0.375	0.312	210	0.124	0.458	0.5	41.5	−12.8	−9.6	16.0	216.9	0.125	0.5	0.5	45.9	−25.2	−7.5	26.3	196.6	13.2	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
773	G50B_050_050$_e$	0.0	0.5	0.5	0.5	0.5	0.25	210	0.0	0.445	0.5	39.5	−17.1	−12.8	21.4	216.9	0.0	0.5	0.5	45.5	−27.6	−8.1	28.7	196.3	12.9	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
774	R00Y_100_062$_e$	1.0	0.375	0.375	1.0	0.625	0.687	390	1.0	0.375	0.539	67.6	48.9	23.3	54.2	25.4	1.0	0.375	0.375	58.9	58.1	31.4	66.1	28.3	15.0	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
775	R00Y_087_050$_e$	0.875	0.375	0.375	0.875	0.5	0.625	390	0.875	0.375	0.506	61.2	39.1	18.6	43.3	25.4	0.875	0.375	0.375	54.0	47.8	24.1	53.6	26.8	12.5	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
776	R00Y_075_037$_e$	0.75	0.375	0.375	0.75	0.375	0.562	390	0.75	0.375	0.473	54.8	29.3	13.9	32.5	25.4	0.75	0.375	0.375	49.4	36.7	17.1	40.5	25.0	9.7	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
777	R00Y_062_025$_e$	0.625	0.375	0.375	0.625	0.25	0.5	390	0.625	0.375	0.44	48.5	19.5	9.3	21.6	25.4	0.625	0.375	0.375	45.1	24.9	10.6	27.0	23.1	6.4	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
778	R00Y_050_012$_e$	0.5	0.375	0.375	0.5	0.125	0.437	390	0.5	0.375	0.407	42.1	9.7	4.6	10.8	25.4	0.5	0.375	0.375	41.4	12.4	4.8	13.3	21.2	2.7	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	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	35.7	0.0	0.0	0.0	0.0	0.375	0.375	0.375	38.3	0.0	0.0	0.0	325.3	2.5	360	1.0	1.0	1.0	95.4	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	0.361	0.375	33.7	−4.2	−3.2	5.3	216.9	0.25	0.375	0.375	36.0	−11.0	−3.5	11.6	197.8	7.2	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
781	G50B_037_025$_e$	0.125	0.375	0.375	0.375	0.25	0.25	210	0.124	0.347	0.375	31.6	−8.5	−6.4	10.7	216.9	0.125	0.375	0.375	34.7	−18.9	−5.7	19.8	196.8	10.8	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
782	G50B_037_037$_e$	0.0	0.375	0.375	0.375	0.375	0.187	210	0.0	0.333	0.375	29.6	−12.8	−9.6	16.0	216.9	0.0	0.375	0.375	34.1	−22.5	−6.6	23.4	196.3	11.1	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
783	R00Y_100_075$_e$	1.0	0.25	0.25	1.0	0.75	0.625	390	1.0	0.25	0.447	62.0	58.7	27.9	65.0	25.4	1.0	0.25	0.25	54.4	67.8	43.1	80.3	32.4	19.2	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
784	R00Y_087_062$_e$	0.875	0.25	0.25	0.875	0.625	0.562	390	0.875	0.25	0.414	55.6	48.9	23.3	54.2	25.4	0.875	0.25	0.25	48.8	58.7	35.3	68.5	31.0	16.9	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
785	R00Y_075_050$_e$	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.381	49.3	39.1	18.6	43.3	25.4	0.75	0.25	0.25	43.3	48.9	27.4	56.0	29.2	14.4	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
786	R00Y_062_037$_e$	0.625	0.25	0.25	0.625	0.375	0.437	390	0.625	0.25	0.348	42.9	29.3	13.9	32.5	25.4	0.625	0.25	0.25	38.0	38.2	19.6	42.9	27.1	11.5	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
787	R00Y_050_025$_e$	0.5	0.25	0.25	0.5	0.25	0.375	390	0.5	0.249	0.315	36.5	19.5	9.3	21.6	25.4	0.5	0.25	0.25	33.0	26.3	12.1	29.0	24.7	8.1	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
788	R00Y_037_012$_e$	0.375	0.25	0.25	0.375	0.125	0.312	390	0.375	0.249	0.282	30.2	9.7	4.6	10.8	25.4	0.375	0.25	0.25	28.7	13.3	5.4	14.4	22.0	3.9	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	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	23.8	0.0	0.0	0.0	0.0	0.25	0.25	0.25	25.2	0.0	0.0	0.0	325.5	1.4	360	1.0	1.0	1.0	95.4	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	0.236	0.25	21.8	−4.2	−3.2	5.3	216.9	0.125	0.25	0.25	23.0	−11.2	−3.5	11.7	197.3	7.0	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
791	G50B_025_025$_e$	0.0	0.25	0.25	0.25	0.25	0.125	210	0.0	0.222	0.25	19.7	−8.5	−6.4	10.7	216.9	0.0	0.25	0.25	22.1	−17.1	−5.0	17.8	196.3	8.9	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
792	R00Y_100_087$_e$	1.0	0.125	0.125	1.0	0.875	0.562	390	1.0	0.125	0.355	56.4	68.5	32.6	75.8	25.4	1.0	0.125	0.125	51.6	74.2	55.7	92.8	36.9	24.2	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
793	R00Y_087_075$_e$	0.875	0.125	0.125	0.875	0.75	0.5	390	0.875	0.125	0.322	50.1	58.7	27.9	65.0	25.4	0.875	0.125	0.125	45.5	66.2	48.3	81.9	36.0	22.1	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
794	R00Y_075_062$_e$	0.75	0.125	0.125	0.75	0.625	0.437	390	0.75	0.125	0.289	43.7	48.9	23.3	54.2	25.4	0.75	0.125	0.125	39.3	57.8	40.4	70.6	34.9	19.8	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
795	R00Y_062_050$_e$	0.625	0.125	0.125	0.625	0.5	0.375	390	0.625	0.125	0.256	37.3	39.1	18.6	43.3	25.4	0.625	0.125	0.125	33.0	48.8	32.2	58.5	33.3	17.2	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
796	R00Y_050_037$_e$	0.5	0.125	0.125	0.5	0.375	0.312	390	0.5	0.124	0.223	31.0	29.3	13.9	32.5	25.4	0.5	0.125	0.125	26.8	39.0	23.5	45.6	31.1	14.2	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
797	R00Y_037_025$_e$	0.375	0.125	0.125	0.375	0.25	0.25	390	0.375	0.124	0.19	24.6	19.5	9.3	21.6	25.4	0.375	0.125	0.125	20.7	27.8	14.8	31.5	28.0	10.6	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
798	R00Y_025_012$_e$	0.25	0.125	0.125	0.25	0.125	0.187	390	0.25	0.124	0.157	18.2	9.7	4.6	10.8	25.4	0.25	0.125	0.125	15.2	14.7	6.5	16.1	23.9	6.1	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	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	11.9	0.0	0.0	0.0	0.0	0.125	0.125	0.125	11.0	0.0	0.0	0.0	325.7	0.8	360	1.0	1.0	1.0	95.4	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	0.111	0.125	9.8	−4.2	−3.2	5.3	216.9	0.0	0.125	0.125	8.9	−10.7	−3.3	11.2	197.0	6.5	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
801	R00Y_100_100$_e$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4	1.0	0.0	0.0	50.4	76.9	64.5	100.4	39.9	27.2	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
802	R00Y_087_087$_e$	0.875	0.0	0.0	0.875	0.875	0.437	390	0.875	0.0	0.23	44.5	68.5	32.6	75.8	25.4	0.875	0.0	0.0	44.1	69.5	58.3	90.8	39.9	25.7	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
803	R00Y_075_075$_e$	0.75	0.0	0.0	0.75	0.75	0.375	390	0.75	0.0	0.197	38.1	58.7	27.9	65.0	25.4	0.75	0.0	0.0	37.5	61.9	51.9	80.8	39.9	24.2	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
804	R00Y_062_062$_e$	0.625	0.0	0.0	0.625	0.625	0.312	390	0.625	0.0	0.164	31.8	48.9	23.3	54.2	25.4	0.625	0.0	0.0	30.7	54.1	44.5	70.1	39.4	21.9	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
805	R00Y_050_050$_e$	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.131	25.4	39.1	18.6	43.3	25.4	0.5	0.0	0.0	23.7	46.0	35.7	58.2	37.8	18.5	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
806	R00Y_037_037$_e$	0.375	0.0	0.0	0.375	0.375	0.187	390	0.375	0.0	0.098	19.0	29.3	13.9	32.5	25.4	0.375	0.0	0.0	16.4	37.5	25.4	45.3	34.1	14.3	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
807	R00Y_025_025$_e$	0.25	0.0	0.0	0.25	0.25	0.125	390	0.25	0.0	0.065	12.7	19.5	9.3	21.6	25.4	0.25	0.0	0.0	8.6	28.5	13.6	31.6	25.5	10.7	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
808	R00Y_012_012$_e$	0.125	0.0	0.0	0.125	0.125	0.062	390	0.125	0.0	0.032	6.3	9.7	4.6	10.8	25.4	0.125	0.0	0.0	2.4	10.9	3.8	11.6	19.4	4.1	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0

delta $E^{*\prime}$ = **11.2**

5−0131330−F0

PN090−7N, 14/18−F

TUB-test chart PN09; colour rendering; sRGB
colors and differences, $\Delta E^{*\prime}$, 3D=0, de=1, *sRGB*

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

5−0131330−F0

TUB registration: 20130201-PN09/PN09L0NA.TXT /.PS
application for measurement of display output, no separation

TUB material: code=rha4ta

http://130.149.60.45/~farbmetrik/PN09/PN09L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 15/18

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				
810	NW_100e	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	1.0	1.0	1.0	95.4	0.0	0.0	0.0	325.2	0.0	360	1.0	1.0	1.0	95.4	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	0.951	1.0	90.8	0.2	−7.0	7.0	271.7	0.875	0.875	1.0	85.5	5.8	−14.8	15.9	291.5	10.9	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
812	B00R_100_025e	0.75	0.75	1.0	1.0	0.25	0.875	270	0.75	0.902	1.0	86.3	0.4	−14.1	14.1	271.7	0.75	0.75	1.0	75.6	12.8	−30.0	32.7	293.1	22.8	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
813	B00R_100_037e	0.625	0.625	1.0	1.0	0.375	0.812	270	0.625	0.853	1.0	81.8	0.6	−21.2	21.2	271.7	0.625	0.625	1.0	65.7	21.4	−45.6	50.4	295.1	35.8	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
814	B00R_100_050e	0.5	0.5	1.0	1.0	0.5	0.75	270	0.5	0.804	1.0	77.3	0.8	−28.3	28.3	271.7	0.5	0.5	1.0	56.0	31.9	−61.1	69.0	297.5	50.0	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
815	B00R_100_062e	0.375	0.375	1.0	1.0	0.625	0.687	270	0.375	0.755	1.0	72.8	1.0	−35.3	35.3	271.7	0.375	0.375	1.0	46.8	44.5	−76.1	88.2	300.3	65.0	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
816	B00R_100_075e	0.25	0.25	1.0	1.0	0.75	0.625	270	0.25	0.707	1.0	68.2	1.2	−42.4	42.4	271.7	0.25	0.25	1.0	38.8	58.2	−89.4	106.7	303.0	79.4	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
817	B00R_100_087e	0.125	0.125	1.0	1.0	0.875	0.562	270	0.125	0.658	1.0	63.7	1.5	−49.5	49.5	271.7	0.125	0.125	1.0	33.0	69.9	−99.0	121.3	305.2	89.9	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
818	B00R_100_100e	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2	92.5	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
819	Y00G_100_012e	1.0	1.0	0.875	1.0	0.125	0.937	90	1.0	0.982	0.875	93.9	−0.4	10.5	10.5	92.3	1.0	1.0	0.875	94.7	−5.0	14.6	15.4	108.9	6.1	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
820	NW_087e	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	83.4	0.0	0.0	0.0	0.0	0.875	0.875	0.875	84.7	0.0	0.0	0.0	325.2	1.2	360	1.0	1.0	1.0	95.4	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	0.826	0.875	78.9	0.2	−7.0	7.0	271.7	0.75	0.75	0.875	74.6	6.0	−15.2	16.4	291.7	10.9	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
822	B00R_087_025e	0.625	0.625	0.875	0.875	0.25	0.75	270	0.625	0.777	0.875	74.4	0.4	−14.1	14.1	271.7	0.625	0.625	0.875	64.4	13.5	−30.9	33.8	293.6	23.5	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
823	B00R_087_037e	0.5	0.5	0.875	0.875	0.375	0.687	270	0.5	0.728	0.875	69.9	0.6	−21.2	21.2	271.7	0.5	0.5	0.875	54.3	23.0	−46.9	52.2	296.1	37.4	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
824	B00R_087_050e	0.375	0.375	0.875	0.875	0.5	0.625	270	0.375	0.679	0.875	65.4	0.8	−28.3	28.3	271.7	0.375	0.375	0.875	44.6	34.8	−62.7	71.7	299.0	52.6	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
825	B00R_087_062e	0.25	0.25	0.875	0.875	0.625	0.562	270	0.25	0.63	0.875	60.8	1.0	−35.3	35.3	271.7	0.25	0.25	0.875	35.8	48.6	−77.1	91.2	302.1	68.0	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
826	B00R_087_075e	0.125	0.125	0.875	0.875	0.75	0.5	270	0.125	0.582	0.875	56.3	1.2	−42.4	42.4	271.7	0.125	0.125	0.875	29.1	61.5	−88.2	107.5	304.8	80.4	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
827	B00R_087_087e	0.0	0.0	0.875	0.875	0.875	0.437	270	0.0	0.533	0.875	51.8	1.5	−49.5	49.5	271.7	0.0	0.0	0.875	25.9	68.7	−93.6	116.1	306.2	84.5	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
828	Y00G_100_025e	1.0	1.0	0.75	1.0	0.25	0.875	90	1.0	0.964	0.75	92.4	−0.8	21.1	21.1	92.3	1.0	1.0	0.75	94.1	−9.3	29.3	30.8	107.7	11.9	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
829	Y00G_087_012e	0.875	0.875	0.75	0.875	0.125	0.812	90	0.875	0.857	0.75	82.0	−0.4	10.5	10.5	92.3	0.875	0.875	0.75	84.0	−5.1	15.0	15.8	108.7	6.7	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
830	NW_075e	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	71.5	0.0	0.0	0.0	0.0	0.75	0.75	0.75	73.7	0.0	0.0	0.0	325.2	2.1	360	1.0	1.0	1.0	95.4	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	0.701	0.75	67.0	0.2	−7.0	7.0	271.7	0.625	0.625	0.75	63.3	6.3	−15.7	16.9	292.0	11.2	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
832	B00R_075_025e	0.5	0.5	0.75	0.75	0.25	0.625	270	0.5	0.652	0.75	62.5	0.4	−14.1	14.1	271.7	0.5	0.5	0.75	52.8	14.4	−31.9	35.1	294.3	24.6	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
833	B00R_075_037e	0.375	0.375	0.75	0.75	0.375	0.562	270	0.375	0.603	0.75	57.9	0.6	−21.2	21.2	271.7	0.375	0.375	0.75	42.5	25.1	−48.4	54.5	297.4	39.7	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
834	B00R_075_050e	0.25	0.25	0.75	0.75	0.5	0.5	270	0.25	0.554	0.75	53.4	0.8	−28.3	28.3	271.7	0.25	0.25	0.75	32.9	38.5	−64.1	74.8	301.0	55.8	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
835	B00R_075_062e	0.125	0.125	0.75	0.75	0.625	0.437	270	0.125	0.505	0.75	48.9	1.0	−35.3	35.3	271.7	0.125	0.125	0.75	25.3	52.5	−76.8	93.0	304.3	70.1	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
836	B00R_075_075e	0.0	0.0	0.75	0.75	0.75	0.375	270	0.0	0.457	0.75	44.4	1.2	−42.4	42.4	271.7	0.0	0.0	0.75	21.3	61.2	−83.4	103.5	306.2	76.2	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
837	Y00G_100_037e	1.0	1.0	0.625	1.0	0.375	0.812	90	1.0	0.946	0.625	91.0	−1.2	31.6	31.7	92.3	1.0	1.0	0.625	93.6	−13.0	43.8	45.7	106.5	17.1	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
838	Y00G_087_025e	0.875	0.875	0.625	0.875	0.25	0.75	90	0.875	0.839	0.625	80.5	−0.8	21.1	21.1	92.3	0.875	0.875	0.625	83.4	−9.4	30.0	31.5	107.3	12.7	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
839	Y00G_075_012e	0.75	0.75	0.625	0.75	0.125	0.687	90	0.75	0.732	0.625	70.0	−0.4	10.5	10.5	92.3	0.75	0.75	0.625	73.0	−5.1	15.4	16.3	108.5	7.4	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
840	NW_062e	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	59.6	0.0	0.0	0.0	0.0	0.625	0.625	0.625	62.4	0.0	0.0	0.0	325.2	2.7	360	1.0	1.0	1.0	95.4	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	0.576	0.625	55.1	0.2	−7.0	7.0	271.7	0.5	0.5	0.625	51.6	6.7	−16.3	17.6	292.4	11.8	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
842	B00R_062_025e	0.375	0.375	0.625	0.625	0.25	0.5	270	0.375	0.527	0.625	50.5	0.4	−14.1	14.1	271.7	0.375	0.375	0.625	40.8	15.7	−33.2	36.8	295.4	26.3	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
843	B00R_062_037e	0.25	0.25	0.625	0.625	0.375	0.437	270	0.25	0.478	0.625	46.0	0.6	−21.2	21.2	271.7	0.25	0.25	0.625	30.4	28.1	−50.0	57.4	299.3	42.8	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
844	B00R_062_050e	0.125	0.125	0.625	0.625	0.5	0.375	270	0.125	0.429	0.625	41.5	0.8	−28.3	28.3	271.7	0.125	0.125	0.625	21.6	42.8	−64.6	77.5	303.5	59.0	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
845	B00R_062_062e	0.0	0.0	0.625	0.625	0.625	0.312	270	0.0	0.38	0.625	37.0	1.0	−35.3	35.3	271.7	0.0	0.0	0.625	16.6	53.5	−72.9	90.4	306.2	67.6	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
846	Y00G_100_050e	1.0	1.0	0.5	1.0	0.5	0.75	90	1.0	0.928	0.5	89.5	−1.7	42.2	42.2	92.3	1.0	1.0	0.5	93.2	−15.9	57.8	59.9	105.3	21.3	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
847	Y00G_087_037e	0.875	0.875	0.5	0.875	0.375	0.687	90	0.875	0.821	0.5	79.1	−1.2	31.6	31.7	92.3	0.875	0.875	0.5	82.9	−12.9	44.8	46.6	106.0	17.9	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
848	Y00G_075_025e	0.75	0.75	0.5	0.75	0.25	0.625	90	0.75	0.714	0.5	68.6	−0.8	21.1	21.1	92.3	0.75	0.75	0.5	72.4	−9.4	30.9	32.3	106.9	13.5	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
849	Y00G_062_012e	0.625	0.625	0.5	0.625	0.125	0.562	90	0.625	0.607	0.5	58.1	−0.4	10.5	10.5	92.3	0.625	0.625	0.5	61.6	−5.2	16.0	16.8	108.2	8.0	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
850	NW_050e	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	47.7	0.0	0.0	0.0	0.0	0.5	0.5	0.5	50.6	0.0	0.0	0.0	325.3	2.9	360	1.0	1.0	1.0	95.4	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	0.451	0.5	43.1	0.2	−7.0	7.0	271.7	0.375	0.375	0.5	39.4	7.2	−17.0	18.5	292.9	12.7	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
852	B00R_050_025e	0.25	0.25	0.5	0.5	0.25	0.375	270	0.249	0.402	0.5	38.6	0.4	−14.1	14.1	271.7	0.25	0.25	0.5	28.2	17.7	−34.7	39.0	297.0	28.8	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
853	B00R_050_037e	0.125	0.125	0.5	0.5	0.375	0.312	270	0.124	0.353	0.5	34.1	0.6	−21.2	21.2	271.7	0.125	0.125	0.5	18.1	32.4	−51.3	60.6	302.2	46.5	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
854	B00R_050_050e	0.0	0.0	0.5	0.5	0.5	0.25	270	0.0	0.304	0.5	29.6	0.8	−28.3	28.3	271.7	0.0	0.0	0.5	11.7	45.5	−61.9	76.8	306.2	58.7	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
855	Y00G_100_062e	1.0	1.0	0.375	1.0	0.625	0.687	90	1.0	0.91	0.375	88.1	−2.1	52.8	52.8	92.3	1.0	1.0	0.375	92.9	−18.0	70.4	72.7	104.3	24.2	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
856	Y00G_087_050e	0.875	0.875	0.375	0.875	0.5	0.625	90	0.875	0.803	0.375	77.6	−1.7	42.2	42.2	92.3	0.875	0.875	0.375	82.6	−15.5	58.6	60.6	104.8	21.9	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
857	Y00G_075_037e	0.75	0.75	0.375	0.75	0.375	0.562	90	0.75	0.696	0.375	67.1	−1.2	31.6	31.7	92.3	0.75	0.75	0.375	72.0	−12.6	45.8	47.5	105.4	18.7	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
858	Y00G_062_025e	0.625	0.625	0.375	0.625	0.25	0.5	90	0.625	0.589	0.375	56.7	−0.8	21.1	21.1	92.3	0.625	0.625	0.375	61.1	−9.3	31.9	33.2	106.3	14.4	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
859	Y00G_050_012e	0.5	0.5	0.375	0.5	0.125	0.437	90	0.5	0.482	0.375	46.2	−0.4	10.5	10.5	92.3	0.5	0.5	0.375	49.8	−5.3	16.6	17.5	107.8	8.6	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
860	NW_037e	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	35.7	0.0	0.0	0.0	0.0	0.375	0.375	0.375	38.3	0.0	0.0	0.0	325.3	2.5	360	1.0	1.0	1.0	95.4	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	0.326	0.375	31.2	0.2	−7.0	7.0	271.7	0.25	0.25	0.375	26.5	8.0	−18.0	19.8	294.0	14.3	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
862	B00R_037_025e	0.125	0.125	0.375	0.375	0.25	0.25	270	0.124	0.277	0.375	26.7	0.4	−14.1	14.1	271.7	0.125	0.125	0.375	15.0	21.1	−36.5	42.1	300.0	32.6	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
863	B00R_037_037e	0.0	0.0	0.375	0.375	0.375	0.187	270	0.0	0.228	0.375	22.2	0.6	−21.2	21.2	271.7	0.0	0.0	0.375	6.7	36.7	−50.3	62.3	306.1	48.9	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
864	Y00G_100_075e	1.0	1.0	0.25	1.0	0.75	0.625	90	1.0	0.892	0.25	86.6	−2.5	63.3	63.4	92.3	1.0	1.0	0.25	92.8	−19.5	80.8	83.1	103.5	25.1	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
865	Y00G_087_062e	0.875	0.875	0.25	0.875	0.625	0.562	90	0.875	0.785	0.25	76.1	−2.1	52.8	52.8	92.3	0.875	0.875	0.25	82.4	−17.2	70.3	72.4	103.8	23.9	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
866	Y00G_075_050e	0.75	0.75	0.25	0.75	0.5	0.5	90	0.75	0.678	0.25	65.7	−1.7	42.2	42.2	92.3	0.75	0.75	0.25	71.7	−14.8	58.9	60.8	104.1	22.1	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
867	Y00G_062_037e	0.625	0.625	0.25	0.625	0.375	0.437	90	0.625	0.571	0.25	55.2	−1.2	31.6	31.7	92.3	0.625	0.625	0.25	60.7	−12.2	46.6	48.2	104.7	19.3	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
868	Y00G_050_025e	0.5	0.5	0.25	0.5	0.25	0.375	90	0.5	0.464	0.249	44.7	−0.8	21.1	21.1	92.3	0.5	0.5	0.25	49.3	−9.2	32.9	34.2	105.6	15.2	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
869	Y00G_037_012e	0.375	0.375	0.25	0.375	0.125	0.312	90	0.375	0.357	0.249	34.3	−0.4	10.5	10.5	92.3	0.375	0.375	0.25	37.5	−5.4	17.5	18.3	107.1	9.1	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
870	NW_025e	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	23.8	0.0	0.0	0.0	0.0	0.25	0.25	0.25	25.2	0.0	0.0	0.0	325.5	1.4	360	1.0	1.0	1.0	95.4	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	0.201	0.25	19.3	0.2	−7.0	7.0	271.7	0.125	0.125	0.25	12.6	9.6	−19.5	21.8	296.2	17.0	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
872	B00R_025_025e	0.0	0.0	0.25	0.25	0.25	0.125	270	0.0	0.152	0.25	14.8	0.4	−14.1	14.1	271.7	0.0	0.0	0.25	2.9	20.6	−35.3	40.9	300.2	31.6	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
873	Y00G_100_087e	1.0	1.0	0.125	1.0	0.875	0.562	90	1.0	0.874	0.125	85.1	−2.9	73.9	74.0	92.3	1.0	1.0	0.125	92.7	−20.3	87.7	90.0	103.0	23.4	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
874	Y00G_087_075e	0.875	0.875	0.125	0.875	0.75	0.5	90	0.875	0.767	0.125	74.7	−2.5	63.3	63.4	92.3	0.875	0.875	0.125	82.2	−18.3	78.3	80.5	103.1	23.0	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
875	Y00G_075_062e	0.75	0.75	0.125	0.75	0.625	0.437	90	0.75	0.66	0.125	64.2	−2.1	52.8	52.8	92.3	0.75	0.75	0.125	71.5	−16.1	68.5	70.4	103.2	22.3	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
876	Y00G_062_050e	0.625	0.625	0.125	0.625	0.5	0.375	90	0.625	0.553	0.125	53.7	−1.7	42.2	42.2	92.3	0.625	0.625	0.125	60.5	−13.9	58.1	59.7	103.4	21.1	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
877	Y00G_050_037e	0.5	0.5	0.125	0.5	0.375	0.312	90	0.5	0.446	0.124	43.3	−1.2	31.6	31.7	92.3	0.5	0.5	0.125	49.1	−11.4	46.7	48.0	103.7	19.0	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
878	Y00G_037_025e	0.375	0.375	0.125	0.375	0.25	0.25	90	0.375	0.339	0.124	32.8	−0.8	21.1	21.1	92.3	0.375	0.375	0.125	37.1	−8.7	33.8	34.9	104.4	15.5	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
879	Y00G_025_012e	0.25	0.25	0.125	0.25	0.125	0.187	90	0.25	0.232	0.124	22.3	−0.4	10.5	10.5	92.3	0.25	0.25	0.125	24.5	−5.3	18.6	19.4	105.9	9.7	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
880	NW_012e	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	11.9	0.0	0.0	0.0	0.0	0.125	0.125	0.125	11.0	0.0	0.0	0.0	325.7	0.8	360	1.0	1.0	1.0	95.4	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	0.076	0.125	7.4	0.2	−7.0	7.0	271.7	0.0	0.0	0.125	0.8	5.8	−15.5	16.6	290.4	12.1	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
882	Y00G_100_100e	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3	1.0	1.0	0.0	92.6	−20.6	90.7	93.0	102.8	20.4	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
883	Y00G_087_087e	0.875	0.875	0.0	0.875	0.875	0.437	90	0.875	0.749	0.0	73.2	−2.9	73.9	74.0	92.3	0.875	0.875	0.0	82.2	−18.7	82.0	84.1	102.8	19.8	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
884	Y00G_075_075e	0.75	0.75	0.0	0.75	0.75	0.375	90	0.75	0.642	0.0	62.7	−2.5	63.3	63.4	92.3	0.75	0.75	0.0	71.5	−16.6	73.0	74.9	102.8	19.2	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
885	Y00G_062_062e	0.625	0.625	0.0	0.625	0.625	0.312	90	0.625	0.535	0.0	52.3	−2.1	52.8	52.8	92.3	0.625	0.625	0.0	60.4	−14.5	63.8	65.4	102.8	18.5	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
886	Y00G_050_050e	0.5	0.5	0.0	0.5	0.5	0.25	90	0.5	0.428	0.0	41.8	−1.7	42.2	42.2	92.3	0.5	0.5	0.0	48.9	−12.3	54.2	55.6	102.8	17.5	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
887	Y00G_037_037e	0.375	0.375	0.0	0.375	0.375	0.187	90	0.375	0.321	0.0	31.3	−1.2	31.6	31.7	92.3	0.375	0.375	0.0	36.9	−10.0	44.2	45.3	102.8	16.3	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
888	Y00G_025_025e	0.25	0.25	0.0	0.25	0.25	0.125	90	0.25	0.214	0.0	20.9	−0.8	21.1	21.1	92.3	0.25	0.25	0.0	24.2	−7.6	32.9	33.7	103.1	14.0	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
889	Y00G_012_012e	0.125	0.125	0.0	0.125	0.125	0.062	90	0.125	0.107	0.0	10.4	−0.4	10.5	10.5	92.3	0.125	0.125	0.0	10.4	−5.0	15.4	16.2	108.0	6.6	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
890	NW_000e	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0

delta E*' = 27.1

5−0131430−F0

PN090−7N, 15/18−F

TUB-test chart PN09; colour rendering; sRGB
colors and differences, ΔE*', 3D=0, de=1, *sRGB*

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

see similar files: http://130.149.60.45/~farbmetrik/PN09/PN09.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

5−0131430−F0

TUB registration: 20130201-PN09/PN09L0NA.TXT /.PS TUB material: code=rha4ta
application for measurement of display output, no separation

http://130.149.60.45/~farbmetrik/PN09/PN09L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 16/18

n	HIC*$_{Fe}$	rgb_$_{Fe}$			ict_$_{Fe}$			$h_{si\_F,e}$	rgb*$_{Fe}$			LabCh*$_{Fe}$				
891	NW_100$_e$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
892	B50R_100_012$_e$	1.0	0.875	1.0	1.0	0.125	0.937	330	1.0	0.875	0.998	90.6	11.7	−7.1	13.7	328.6
893	B50R_100_025$_e$	1.0	0.75	1.0	1.0	0.25	0.875	330	1.0	0.75	0.997	85.8	23.5	−14.3	27.5	328.6
894	B50R_100_037$_e$	1.0	0.625	1.0	1.0	0.375	0.812	330	1.0	0.625	0.996	81.0	35.3	−21.5	41.3	328.6
895	B50R_100_050$_e$	1.0	0.5	1.0	1.0	0.5	0.75	330	1.0	0.5	0.995	76.3	47.0	−28.7	55.1	328.6
896	B50R_100_062$_e$	1.0	0.375	1.0	1.0	0.625	0.687	330	1.0	0.375	0.994	71.5	58.8	−35.9	68.9	328.6
897	B50R_100_075$_e$	1.0	0.25	1.0	1.0	0.75	0.625	330	1.0	0.25	0.993	66.7	70.6	−43.0	82.7	328.6
898	B50R_100_087$_e$	1.0	0.125	1.0	1.0	0.875	0.562	330	1.0	0.125	0.992	61.9	82.3	−50.2	96.5	328.6
899	B50R_100_100$_e$	1.0	0.0	1.0	1.0	1.0	0.5	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
900	G00B_100_012$_e$	0.875	1.0	0.875	1.0	0.125	0.937	150	0.875	1.0	0.963	94.1	−8.0	2.5	8.4	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	83.4	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	0.875	0.75	0.873	78.7	11.7	−7.1	13.7	328.6
903	B50R_087_025$_e$	0.875	0.625	0.875	0.875	0.25	0.75	330	0.875	0.625	0.872	73.9	23.5	−14.3	27.5	328.6
904	B50R_087_037$_e$	0.875	0.5	0.875	0.875	0.375	0.687	330	0.875	0.5	0.871	69.1	35.3	−21.5	41.3	328.6
905	B50R_087_050$_e$	0.875	0.375	0.875	0.875	0.5	0.625	330	0.875	0.375	0.87	64.3	47.0	−28.7	55.1	328.6
906	B50R_087_062$_e$	0.875	0.25	0.875	0.875	0.625	0.562	330	0.875	0.25	0.869	59.5	58.8	−35.9	68.9	328.6
907	B50R_087_075$_e$	0.875	0.125	0.875	0.875	0.75	0.5	330	0.875	0.125	0.868	54.8	70.6	−43.0	82.7	328.6
908	B50R_087_087$_e$	0.875	0.0	0.875	0.875	0.875	0.437	330	0.875	0.0	0.867	50.0	82.3	−50.2	96.5	328.6
909	G00B_100_025$_e$	0.75	1.0	0.75	1.0	0.25	0.875	150	0.75	1.0	0.926	92.8	−16.1	5.1	16.9	162.2
910	G00B_087_012$_e$	0.75	0.875	0.75	0.875	0.125	0.812	150	0.75	0.875	0.838	82.2	−8.0	2.5	8.4	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	71.5	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	0.75	0.625	0.748	66.7	11.7	−7.1	13.7	328.6
913	B50R_075_025$_e$	0.75	0.5	0.75	0.75	0.25	0.625	330	0.75	0.5	0.747	62.0	23.5	−14.3	27.5	328.6
914	B50R_075_037$_e$	0.75	0.375	0.75	0.75	0.375	0.562	330	0.75	0.375	0.746	57.2	35.3	−21.5	41.3	328.6
915	B50R_075_050$_e$	0.75	0.25	0.75	0.75	0.5	0.5	330	0.75	0.25	0.745	52.4	47.0	−28.7	55.1	328.6
916	B50R_075_062$_e$	0.75	0.125	0.75	0.75	0.625	0.437	330	0.75	0.125	0.744	47.6	58.8	−35.9	68.9	328.6
917	B50R_075_075$_e$	0.75	0.0	0.75	0.75	0.75	0.375	330	0.75	0.0	0.743	42.8	70.6	−43.0	82.7	328.6
918	G00B_100_037$_e$	0.625	1.0	0.625	1.0	0.375	0.812	150	0.625	1.0	0.889	91.5	−24.2	7.7	25.4	162.2
919	G00B_087_025$_e$	0.625	0.875	0.625	0.875	0.25	0.75	150	0.625	0.875	0.801	80.9	−16.1	5.1	16.9	162.2
920	G00B_075_012$_e$	0.625	0.75	0.625	0.75	0.125	0.687	150	0.625	0.75	0.713	70.2	−8.0	2.5	8.4	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	59.6	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	0.625	0.5	0.623	54.8	11.7	−7.1	13.7	328.6
923	B50R_062_025$_e$	0.625	0.375	0.625	0.625	0.25	0.5	330	0.625	0.375	0.622	50.0	23.5	−14.3	27.5	328.6
924	B50R_062_037$_e$	0.625	0.25	0.625	0.625	0.375	0.437	330	0.625	0.25	0.621	45.2	35.3	−21.5	41.3	328.6
925	B50R_062_050$_e$	0.625	0.125	0.625	0.625	0.5	0.375	330	0.625	0.125	0.62	40.5	47.0	−28.7	55.1	328.6
926	B50R_062_062$_e$	0.625	0.0	0.625	0.625	0.625	0.312	330	0.625	0.0	0.619	35.7	58.8	−35.9	68.9	328.6
927	G00B_100_050$_e$	0.5	1.0	0.5	1.0	0.5	0.75	150	0.5	1.0	0.853	90.2	−32.3	10.3	33.9	162.2
928	G00B_087_037$_e$	0.5	0.875	0.5	0.875	0.375	0.687	150	0.5	0.875	0.764	79.6	−24.2	7.7	25.4	162.2
929	G00B_075_025$_e$	0.5	0.75	0.5	0.75	0.25	0.625	150	0.5	0.75	0.676	68.9	−16.1	5.1	16.9	162.2
930	G00B_062_012$_e$	0.5	0.625	0.5	0.625	0.125	0.562	150	0.5	0.625	0.588	58.3	−8.0	2.5	8.4	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	47.7	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	0.5	0.375	0.498	42.9	11.7	−7.1	13.7	328.6
933	B50R_050_025$_e$	0.5	0.25	0.5	0.5	0.25	0.375	330	0.5	0.249	0.497	38.1	23.5	−14.3	27.5	328.6
934	B50R_050_037$_e$	0.5	0.125	0.5	0.5	0.375	0.312	330	0.5	0.124	0.496	33.3	35.3	−21.5	41.3	328.6
935	B50R_050_050$_e$	0.5	0.0	0.5	0.5	0.5	0.25	330	0.5	0.0	0.495	28.5	47.0	−28.7	55.1	328.6
936	G00B_100_062$_e$	0.375	1.0	0.375	1.0	0.625	0.687	150	0.375	1.0	0.816	88.9	−40.4	12.9	42.4	162.2
937	G00B_087_050$_e$	0.375	0.875	0.375	0.875	0.5	0.625	150	0.375	0.875	0.728	78.3	−32.3	10.3	33.9	162.2
938	G00B_075_037$_e$	0.375	0.75	0.375	0.75	0.375	0.562	150	0.375	0.75	0.639	67.7	−24.2	7.7	25.4	162.2
939	G00B_062_025$_e$	0.375	0.625	0.375	0.625	0.25	0.5	150	0.375	0.625	0.551	57.0	−16.1	5.1	16.9	162.2
940	G00B_050_012$_e$	0.375	0.5	0.375	0.5	0.125	0.437	150	0.375	0.5	0.463	46.4	−8.0	2.5	8.4	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	35.7	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	0.375	0.249	0.373	31.0	11.7	−7.1	13.7	328.6
943	B50R_037_025$_e$	0.375	0.125	0.375	0.375	0.25	0.25	330	0.375	0.124	0.372	26.2	23.5	−14.3	27.5	328.6
944	B50R_037_037$_e$	0.375	0.0	0.375	0.375	0.375	0.187	330	0.375	0.0	0.371	21.4	35.3	−21.5	41.3	328.6
945	G00B_100_075$_e$	0.25	1.0	0.25	1.0	0.75	0.625	150	0.25	1.0	0.779	87.7	−48.5	15.5	50.9	162.2
946	G00B_087_062$_e$	0.25	0.875	0.25	0.875	0.625	0.562	150	0.25	0.875	0.691	77.0	−40.4	12.9	42.4	162.2
947	G00B_075_050$_e$	0.25	0.75	0.25	0.75	0.5	0.5	150	0.25	0.75	0.603	66.4	−32.3	10.3	33.9	162.2
948	G00B_062_037$_e$	0.25	0.625	0.25	0.625	0.375	0.437	150	0.25	0.625	0.514	55.7	−24.2	7.7	25.4	162.2
949	G00B_050_025$_e$	0.25	0.5	0.25	0.5	0.25	0.375	150	0.249	0.5	0.426	45.1	−16.1	5.1	16.9	162.2
950	G00B_037_012$_e$	0.25	0.375	0.25	0.375	0.125	0.312	150	0.249	0.375	0.338	34.4	−8.0	2.5	8.4	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	23.8	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	0.25	0.124	0.248	19.0	11.7	−7.1	13.7	328.6
953	B50R_025_025$_e$	0.25	0.0	0.25	0.25	0.25	0.125	330	0.25	0.0	0.247	14.2	23.5	−14.3	27.5	328.6
954	G00B_100_087$_e$	0.125	1.0	0.125	1.0	0.875	0.562	150	0.125	1.0	0.742	86.4	−56.5	18.1	59.4	162.2
955	G00B_087_075$_e$	0.125	0.875	0.125	0.875	0.75	0.5	150	0.125	0.875	0.654	75.7	−48.5	15.5	50.9	162.2
956	G00B_075_062$_e$	0.125	0.75	0.125	0.75	0.625	0.437	150	0.125	0.75	0.566	65.1	−40.4	12.9	42.4	162.2
957	G00B_062_050$_e$	0.125	0.625	0.125	0.625	0.5	0.375	150	0.125	0.625	0.478	54.5	−32.3	10.3	33.9	162.2
958	G00B_050_037$_e$	0.125	0.5	0.125	0.5	0.375	0.312	150	0.124	0.5	0.389	43.8	−24.2	7.7	25.4	162.2
959	G00B_037_025$_e$	0.125	0.375	0.125	0.375	0.25	0.25	150	0.124	0.375	0.301	33.2	−16.1	5.1	16.9	162.2
960	G00B_025_012$_e$	0.125	0.25	0.125	0.25	0.125	0.187	150	0.124	0.25	0.213	22.5	−8.0	2.5	8.4	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	11.9	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	0.125	0.0	0.123	7.1	11.7	−7.1	13.7	328.6
963	G00B_100_100$_e$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
964	G00B_087_087$_e$	0.0	0.875	0.0	0.875	0.875	0.437	150	0.0	0.875	0.617	74.5	−56.5	18.1	59.4	162.2
965	G00B_075_075$_e$	0.0	0.75	0.0	0.75	0.75	0.375	150	0.0	0.75	0.529	63.8	−48.5	15.5	50.9	162.2
966	G00B_062_062$_e$	0.0	0.625	0.0	0.625	0.625	0.312	150	0.0	0.625	0.441	53.2	−40.4	12.9	42.4	162.2
967	G00B_050_050$_e$	0.0	0.5	0.0	0.5	0.5	0.25	150	0.0	0.5	0.353	42.5	−32.3	10.3	33.9	162.2
968	G00B_037_037$_e$	0.0	0.375	0.0	0.375	0.375	0.187	150	0.0	0.375	0.264	31.9	−24.2	7.7	25.4	162.2
969	G00B_025_025$_e$	0.0	0.25	0.0	0.25	0.25	0.125	150	0.0	0.25	0.176	21.2	−16.1	5.1	16.9	162.2
970	G00B_012_012$_e$	0.0	0.125	0.0	0.125	0.125	0.062	150	0.0	0.125	0.088	10.6	−8.0	2.5	8.4	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	0.0	0.0	0.0	0.0	0.0

n	rgb*'$_{Fe}$			LabCh*'$_{Fe}$					DE*'$_{Fe}$	$h_{siM,e}$	rgb*$_{Me}$			LabCh*$_{Me}$				
891	1.0	1.0	1.0	95.4	0.0	0.0	0.0	325.2	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
892	1.0	0.875	1.0	87.9	15.7	−10.9	19.1	325.1	6.0	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
893	1.0	0.75	1.0	80.9	31.7	−21.5	38.4	325.8	11.9	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
894	1.0	0.625	1.0	74.3	47.6	−31.5	57.1	326.4	17.2	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
895	1.0	0.5	1.0	68.6	62.6	−40.5	74.6	327.0	20.9	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
896	1.0	0.375	1.0	63.8	75.6	−48.0	89.6	327.5	22.0	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
897	1.0	0.25	1.0	60.2	85.6	−53.6	101.0	327.9	19.4	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
898	1.0	0.125	1.0	58.1	91.8	−57.0	108.0	328.1	12.1	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
899	1.0	0.0	1.0	57.2	94.3	−58.4	111.0	328.2	1.0	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
900	0.875	1.0	0.875	92.5	−15.4	11.3	19.1	143.6	11.5	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
901	0.875	0.875	0.875	84.7	0.0	0.0	0.0	325.2	1.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
902	0.875	0.75	0.875	77.1	16.1	−11.2	19.6	325.2	6.1	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
903	0.875	0.625	0.875	69.9	32.6	−22.0	39.3	325.9	12.5	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
904	0.875	0.5	0.875	63.5	48.6	−31.9	58.2	326.7	17.8	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
905	0.875	0.375	0.875	58.0	63.2	−40.5	75.0	327.3	20.9	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
906	0.875	0.25	0.875	53.8	74.7	−47.0	88.3	327.8	20.2	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
907	0.875	0.125	0.875	51.3	82.1	−51.1	96.7	328.1	14.5	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
908	0.875	0.0	0.875	50.2	85.3	−52.8	100.3	328.2	3.8	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
909	0.75	1.0	0.75	90.1	−30.5	23.2	38.3	142.7	23.2	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
910	0.75	0.875	0.75	81.8	−15.7	11.6	19.6	143.5	11.9	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
911	0.75	0.75	0.75	73.7	0.0	0.0	0.0	325.2	2.1	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
912	0.75	0.625	0.75	65.9	16.6	−11.5	20.2	325.3	6.5	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
913	0.75	0.5	0.75	58.7	33.5	−22.4	40.4	326.2	13.3	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
914	0.75	0.375	0.75	52.4	49.6	−32.2	59.1	327.0	18.4	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
915	0.75	0.25	0.75	47.5	63.1	−39.9	74.6	327.6	20.1	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
916	0.75	0.125	0.75	44.3	72.1	−44.9	84.9	328.0	16.3	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
917	0.75	0.0	0.75	43.0	76.0	−47.0	89.4	328.2	6.6	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
918	0.625	1.0	0.625	88.0	−44.8	35.5	57.2	141.6	34.7	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
919	0.625	0.875	0.625	79.3	−31.1	23.9	39.3	142.4	24.0	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
920	0.625	0.75	0.625	70.8	−16.2	12.0	20.2	143.4	12.5	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
921	0.625	0.625	0.625	62.4	0.0	0.0	0.0	325.2	2.7	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
922	0.625	0.5	0.625	54.4	17.2	−11.8	20.9	325.5	7.2	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
923	0.625	0.375	0.625	47.1	34.6	−22.9	41.5	326.5	14.3	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
924	0.625	0.25	0.625	41.2	50.2	−32.1	59.6	327.4	18.7	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
925	0.625	0.125	0.625	37.3	61.3	−38.3	72.3	327.9	17.5	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
926	0.625	0.0	0.625	35.5	66.4	−41.1	78.1	328.2	9.1	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
927	0.5	1.0	0.5	86.3	−57.6	47.9	75.0	140.2	45.4	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
928	0.5	0.875	0.5	77.4	−45.4	36.6	58.3	141.0	35.8	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
929	0.5	0.75	0.5	68.3	−31.8	24.8	40.4	142.0	25.1	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
930	0.5	0.625	0.5	59.4	−16.7	12.5	20.9	143.1	13.2	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
931	0.5	0.5	0.5	50.6	0.0	0.0	0.0	325.3	2.9	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
932	0.5	0.375	0.5	42.3	18.0	−12.2	21.8	325.7	8.1	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
933	0.5	0.25	0.5	35.2	35.7	−23.2	42.6	326.9	15.3	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
934	0.5	0.125	0.5	30.1	49.6	−31.2	58.6	327.8	17.6	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
935	0.5	0.0	0.5	27.8	56.4	−34.9	66.3	328.2	11.2	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
936	0.375	1.0	0.375	85.1	−68.3	59.7	90.7	138.8	54.5	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
937	0.375	0.875	0.375	75.9	−57.6	49.1	75.7	139.5	46.3	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
938	0.375	0.75	0.375	66.5	−45.8	37.9	59.4	140.3	37.0	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
939	0.375	0.625	0.375	57.0	−32.5	25.9	41.6	141.4	26.4	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
940	0.375	0.5	0.375	47.6	−17.3	13.1	21.8	142.8	14.1	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
941	0.375	0.375	0.375	38.3	0.0	0.0	0.0	325.3	2.5	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
942	0.375	0.25	0.375	29.7	19.0	−12.7	22.9	326.1	9.2	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
943	0.375	0.125	0.375	23.1	36.3	−23.1	43.0	327.5	15.8	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
944	0.375	0.0	0.375	19.7	46.0	−28.5	54.1	328.2	12.8	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
945	0.25	1.0	0.25	84.2	−76.1	69.7	103.3	137.4	60.9	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
946	0.25	0.875	0.25	74.8	−66.8	60.3	90.0	137.9	54.2	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
947	0.25	0.75	0.25	65.2	−56.7	50.2	75.8	138.5	46.7	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
948	0.25	0.625	0.25	55.4	−45.7	39.2	60.2	139.3	38.0	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
949	0.25	0.5	0.25	45.4	−33.0	27.2	42.8	140.5	27.7	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
950	0.25	0.375	0.25	35.2	−18.1	14.0	22.9	142.2	15.2	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
951	0.25	0.25	0.25	25.2	0.0	0.0	0.0	325.5	1.4	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
952	0.25	0.125	0.25	16.4	20.2	−13.2	24.2	326.7	10.7	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
953	0.25	0.0	0.25	11.1	34.9	−21.6	41.1	328.2	13.9	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
954	0.125	1.0	0.125	83.8	−80.8	76.7	111.4	136.4	63.5	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
955	0.125	0.875	0.125	74.3	−72.4	68.4	99.7	136.6	58.1	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
956	0.125	0.75	0.125	64.5	−63.7	59.7	87.3	136.8	52.2	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
957	0.125	0.625	0.125	54.4	−54.4	50.3	74.1	137.2	45.6	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
958	0.125	0.5	0.125	44.1	−44.3	40.1	59.8	137.8	38.0	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
959	0.125	0.375	0.125	33.3	−32.9	28.6	43.6	138.9	28.7	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
960	0.125	0.25	0.125	22.2	−18.8	15.2	24.2	141.0	16.6	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
961	0.125	0.125	0.125	11.0	0.0	0.0	0.0	325.7	0.8	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
962	0.125	0.0	0.125	3.2	16.7	−11.6	20.4	325.1	7.7	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6
963	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0	61.8	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
964	0.0	0.875	0.0	74.0	−74.8	72.2	103.9	136.0	57.0	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
965	0.0	0.75	0.0	64.2	−66.6	64.3	92.6	136.0	52.0	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
966	0.0	0.625	0.0	54.1	−58.2	56.2	80.9	136.0	46.7	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
967	0.0	0.5	0.0	43.5	−49.5	47.7	68.8	136.0	41.1	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
968	0.0	0.375	0.0	32.5	−40.3	38.9	56.1	136.0	35.1	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
969	0.0	0.25	0.0	20.9	−30.6	28.3	41.7	137.2	27.3	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
970	0.0	0.125	0.0	8.2	−16.7	11.9	20.6	144.4	13.0	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
971	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0

delta $E^{*\prime}$ = 22.0

PN090−7N, 16/18−F

input: $rgb/cmyk \rightarrow rgb_e$
output: transfer to rgb_e

TUB-test chart PN09; colour rendering; sRGB
colors and differences, $\Delta E^{*\prime}$, 3D=0, de=1, *sRGB*

5−0131530−F0

TUB registration: 20130201-PN09/PN09L0NA.TXT /.PS   TUB material: code=rha4ta
application for measurement of display output, no separation

http://130.149.60.45/~farbmetrik/PN09/PN09L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 17/18

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_000e	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
973	NW_012e	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	11.9	0.0	0.0	0.0	0.0	0.125	0.125	0.125	11.0	0.0	0.0	0.0	325.7	0.8	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
974	NW_025e	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	23.8	0.0	0.0	0.0	0.0	0.25	0.25	0.25	25.2	0.0	0.0	0.0	325.5	1.4	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
975	NW_037e	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	35.7	0.0	0.0	0.0	0.0	0.375	0.375	0.375	38.3	0.0	0.0	0.0	325.3	2.5	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
976	NW_050e	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	47.7	0.0	0.0	0.0	0.0	0.5	0.5	0.5	50.6	0.0	0.0	0.0	325.3	2.9	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
977	NW_062e	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	59.6	0.0	0.0	0.0	0.0	0.625	0.625	0.625	62.4	0.0	0.0	0.0	325.2	2.7	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
978	NW_075e	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	71.5	0.0	0.0	0.0	0.0	0.75	0.75	0.75	73.7	0.0	0.0	0.0	325.2	2.1	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
979	NW_087e	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	83.4	0.0	0.0	0.0	0.0	0.875	0.875	0.875	84.7	0.0	0.0	0.0	325.2	1.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
980	NW_100e	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	1.0	1.0	1.0	95.4	0.0	0.0	0.0	325.2	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
981	NW_000e	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
982	NW_012e	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	11.9	0.0	0.0	0.0	0.0	0.125	0.125	0.125	11.0	0.0	0.0	0.0	325.7	0.8	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
983	NW_025e	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	23.8	0.0	0.0	0.0	0.0	0.25	0.25	0.25	25.2	0.0	0.0	0.0	325.5	1.4	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
984	NW_037e	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	35.7	0.0	0.0	0.0	0.0	0.375	0.375	0.375	38.3	0.0	0.0	0.0	325.3	2.5	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
985	NW_050e	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	47.7	0.0	0.0	0.0	0.0	0.5	0.5	0.5	50.6	0.0	0.0	0.0	325.3	2.9	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
986	NW_062e	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	59.6	0.0	0.0	0.0	0.0	0.625	0.625	0.625	62.4	0.0	0.0	0.0	325.2	2.7	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
987	NW_075e	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	71.5	0.0	0.0	0.0	0.0	0.75	0.75	0.75	73.7	0.0	0.0	0.0	325.2	2.1	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
988	NW_087e	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	83.4	0.0	0.0	0.0	0.0	0.875	0.875	0.875	84.7	0.0	0.0	0.0	325.2	1.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
989	NW_100e	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	1.0	1.0	1.0	95.4	0.0	0.0	0.0	325.2	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
990	NW_000e	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
991	NW_012e	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	11.9	0.0	0.0	0.0	0.0	0.125	0.125	0.125	11.0	0.0	0.0	0.0	325.7	0.8	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
992	NW_025e	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	23.8	0.0	0.0	0.0	0.0	0.25	0.25	0.25	25.2	0.0	0.0	0.0	325.5	1.4	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
993	NW_037e	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	35.7	0.0	0.0	0.0	0.0	0.375	0.375	0.375	38.3	0.0	0.0	0.0	325.3	2.5	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
994	NW_050e	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	47.7	0.0	0.0	0.0	0.0	0.5	0.5	0.5	50.6	0.0	0.0	0.0	325.3	2.9	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
995	NW_062e	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	59.6	0.0	0.0	0.0	0.0	0.625	0.625	0.625	62.4	0.0	0.0	0.0	325.2	2.7	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
996	NW_075e	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	71.5	0.0	0.0	0.0	0.0	0.75	0.75	0.75	73.7	0.0	0.0	0.0	325.2	2.1	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
997	NW_087e	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	83.4	0.0	0.0	0.0	0.0	0.875	0.875	0.875	84.7	0.0	0.0	0.0	325.2	1.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
998	NW_100e	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	1.0	1.0	1.0	95.4	0.0	0.0	0.0	325.2	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
999	NW_000e	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1000	NW_012e	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	11.9	0.0	0.0	0.0	0.0	0.125	0.125	0.125	11.0	0.0	0.0	0.0	325.7	0.8	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1001	NW_025e	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	23.8	0.0	0.0	0.0	0.0	0.25	0.25	0.25	25.2	0.0	0.0	0.0	325.5	1.4	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1002	NW_037e	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	35.7	0.0	0.0	0.0	0.0	0.375	0.375	0.375	38.3	0.0	0.0	0.0	325.3	2.5	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1003	NW_050e	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	47.7	0.0	0.0	0.0	0.0	0.5	0.5	0.5	50.6	0.0	0.0	0.0	325.3	2.9	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1004	NW_062e	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	59.6	0.0	0.0	0.0	0.0	0.625	0.625	0.625	62.4	0.0	0.0	0.0	325.2	2.7	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1005	NW_075e	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	71.5	0.0	0.0	0.0	0.0	0.75	0.75	0.75	73.7	0.0	0.0	0.0	325.2	2.1	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1006	NW_087e	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	83.4	0.0	0.0	0.0	0.0	0.875	0.875	0.875	84.7	0.0	0.0	0.0	325.2	1.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1007	NW_100e	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	1.0	1.0	1.0	95.4	0.0	0.0	0.0	325.2	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1008	NW_000e	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1009	NW_006e	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	6.2	0.0	0.0	0.0	0.0	0.066	0.066	0.066	4.4	0.0	0.0	0.0	326.3	1.8	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1010	NW_013e	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	12.6	0.0	0.0	0.0	0.0	0.133	0.133	0.133	12.0	0.0	0.0	0.0	325.6	0.6	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1011	NW_020e	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	19.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2	19.7	0.0	0.0	0.0	325.5	0.6	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1012	NW_026e	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	25.3	0.0	0.0	0.0	0.0	0.266	0.266	0.266	27.0	0.0	0.0	0.0	325.4	1.6	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1013	NW_033e	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	31.7	0.0	0.0	0.0	0.0	0.333	0.333	0.333	34.0	0.0	0.0	0.0	325.3	2.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1014	NW_040e	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	38.1	0.0	0.0	0.0	0.0	0.4	0.4	0.4	40.8	0.0	0.0	0.0	325.3	2.6	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1015	NW_046e	0.466	0.466	0.466	0.466	0.0	0.466	360	0.466	0.466	0.466	44.4	0.0	0.0	0.0	0.0	0.466	0.466	0.466	47.3	0.0	0.0	0.0	325.4	2.8	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1016	NW_053e	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	50.8	0.0	0.0	0.0	0.0	0.533	0.533	0.533	53.7	0.0	0.0	0.0	325.3	2.9	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1017	NW_060e	0.6	0.6	0.6	0.6	0.0	0.6	360	0.6	0.6	0.6	57.2	0.0	0.0	0.0	0.0	0.6	0.6	0.6	60.0	0.0	0.0	0.0	325.3	2.8	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1018	NW_066e	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	63.5	0.0	0.0	0.0	0.0	0.666	0.666	0.666	66.1	0.0	0.0	0.0	325.2	2.6	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1019	NW_073e	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	70.0	0.0	0.0	0.0	0.0	0.734	0.734	0.734	72.3	0.0	0.0	0.0	325.2	2.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1020	NW_080e	0.8	0.8	0.8	0.8	0.0	0.8	360	0.8	0.8	0.8	76.3	0.0	0.0	0.0	0.0	0.8	0.8	0.8	78.1	0.0	0.0	0.0	325.2	1.8	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1021	NW_086e	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	82.6	0.0	0.0	0.0	0.0	0.866	0.866	0.866	83.9	0.0	0.0	0.0	325.2	1.3	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1022	NW_093e	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	89.0	0.0	0.0	0.0	0.0	0.933	0.933	0.933	89.7	0.0	0.0	0.0	325.2	0.6	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1023	NW_100e	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	1.0	1.0	1.0	95.4	0.0	0.0	0.0	325.2	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1024	NW_000e	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1025	NW_006e	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	6.2	0.0	0.0	0.0	0.0	0.066	0.066	0.066	4.4	0.0	0.0	0.0	326.3	1.8	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1026	NW_013e	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	12.6	0.0	0.0	0.0	0.0	0.133	0.133	0.133	12.0	0.0	0.0	0.0	325.6	0.6	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1027	NW_020e	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	19.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2	19.7	0.0	0.0	0.0	325.5	0.6	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1028	NW_026e	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	25.3	0.0	0.0	0.0	0.0	0.266	0.266	0.266	27.0	0.0	0.0	0.0	325.4	1.6	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1029	NW_033e	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	31.7	0.0	0.0	0.0	0.0	0.333	0.333	0.333	34.0	0.0	0.0	0.0	325.3	2.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1030	NW_040e	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	38.1	0.0	0.0	0.0	0.0	0.4	0.4	0.4	40.8	0.0	0.0	0.0	325.3	2.6	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1031	NW_046e	0.466	0.466	0.466	0.466	0.0	0.466	360	0.466	0.466	0.466	44.4	0.0	0.0	0.0	0.0	0.466	0.466	0.466	47.3	0.0	0.0	0.0	325.4	2.8	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1032	NW_053e	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	50.8	0.0	0.0	0.0	0.0	0.533	0.533	0.533	53.7	0.0	0.0	0.0	325.3	2.9	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1033	NW_060e	0.6	0.6	0.6	0.6	0.0	0.6	360	0.6	0.6	0.6	57.2	0.0	0.0	0.0	0.0	0.6	0.6	0.6	60.0	0.0	0.0	0.0	325.3	2.8	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1034	NW_066e	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	63.5	0.0	0.0	0.0	0.0	0.666	0.666	0.666	66.1	0.0	0.0	0.0	325.2	2.6	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1035	NW_073e	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	70.0	0.0	0.0	0.0	0.0	0.734	0.734	0.734	72.3	0.0	0.0	0.0	325.2	2.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1036	NW_080e	0.8	0.8	0.8	0.8	0.0	0.8	360	0.8	0.8	0.8	76.3	0.0	0.0	0.0	0.0	0.8	0.8	0.8	78.1	0.0	0.0	0.0	325.2	1.8	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1037	NW_086e	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	82.6	0.0	0.0	0.0	0.0	0.866	0.866	0.866	83.9	0.0	0.0	0.0	325.2	1.3	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1038	NW_093e	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	89.0	0.0	0.0	0.0	0.0	0.933	0.933	0.933	89.7	0.0	0.0	0.0	325.2	0.6	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1039	NW_100e	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	1.0	1.0	1.0	95.4	0.0	0.0	0.0	325.2	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1040	NW_000e	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1041	NW_006e	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	6.2	0.0	0.0	0.0	0.0	0.066	0.066	0.066	4.4	0.0	0.0	0.0	326.3	1.8	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1042	NW_013e	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	12.6	0.0	0.0	0.0	0.0	0.133	0.133	0.133	12.0	0.0	0.0	0.0	325.6	0.6	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1043	NW_020e	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	19.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2	19.7	0.0	0.0	0.0	325.5	0.6	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1044	NW_026e	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	25.3	0.0	0.0	0.0	0.0	0.266	0.266	0.266	27.0	0.0	0.0	0.0	325.4	1.6	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1045	NW_033e	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	31.7	0.0	0.0	0.0	0.0	0.333	0.333	0.333	34.0	0.0	0.0	0.0	325.3	2.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1046	NW_040e	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	38.1	0.0	0.0	0.0	0.0	0.4	0.4	0.4	40.8	0.0	0.0	0.0	325.3	2.6	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1047	NW_046e	0.466	0.466	0.466	0.466	0.0	0.466	360	0.466	0.466	0.466	44.4	0.0	0.0	0.0	0.0	0.466	0.466	0.466	47.3	0.0	0.0	0.0	325.4	2.8	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1048	NW_053e	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	50.8	0.0	0.0	0.0	0.0	0.533	0.533	0.533	53.7	0.0	0.0	0.0	325.3	2.9	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1049	NW_060e	0.6	0.6	0.6	0.6	0.0	0.6	360	0.6	0.6	0.6	57.2	0.0	0.0	0.0	0.0	0.6	0.6	0.6	60.0	0.0	0.0	0.0	325.3	2.8	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1050	NW_066e	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	63.5	0.0	0.0	0.0	0.0	0.666	0.666	0.666	66.1	0.0	0.0	0.0	325.2	2.6	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1051	NW_073e	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	70.0	0.0	0.0	0.0	0.0	0.734	0.734	0.734	72.3	0.0	0.0	0.0	325.2	2.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1052	NW_080e	0.8	0.8	0.8	0.8	0.0	0.8	360	0.8	0.8	0.8	76.3	0.0	0.0	0.0	0.0	0.8	0.8	0.8	78.1	0.0	0.0	0.0	325.2	1.8	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0

delta $E^{*\prime}$ = 1.6

5−0131630−F0

PN090−7N, 17/18−F

TUB-test chart PN09; colour rendering; sRGB
colors and differences, $\Delta E^{*\prime}$, 3D=0, de=1, *sRGB*

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

see similar files: http://130.149.60.45/~farbmetrik/PN09/PN09.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

5−0131630−F0

TUB registration: 20130201-PN09/PN09L0NA.TXT /.PS
application for measurement of display output, no separation

TUB material: code=rha4ta

http://130.149.60.45/~farbmetrik/PN09/PN09L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 18/18

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**$_{Me}$				
1053	NW_086$_e$	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	82.6	0.0	0.0	0.0	0.0	0.866	0.866	0.866	83.9	0.0	0.0	0.0	325.2	1.3	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1054	NW_093$_e$	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	89.0	0.0	0.0	0.0	0.0	0.933	0.933	0.933	89.7	0.0	0.0	0.0	325.2	0.6	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1055	NW_100$_e$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	1.0	1.0	1.0	95.4	0.0	0.0	0.0	325.2	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1056	NW_000$_e$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1057	NW_006$_e$	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	6.2	0.0	0.0	0.0	0.0	0.066	0.066	0.066	4.4	0.0	0.0	0.0	326.3	1.8	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1058	NW_013$_e$	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	12.6	0.0	0.0	0.0	0.0	0.133	0.133	0.133	12.0	0.0	0.0	0.0	325.6	0.6	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1059	NW_020$_e$	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	19.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2	19.7	0.0	0.0	0.0	325.5	0.6	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1060	NW_026$_e$	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	25.3	0.0	0.0	0.0	0.0	0.266	0.266	0.266	27.0	0.0	0.0	0.0	325.4	1.6	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1061	NW_033$_e$	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	31.7	0.0	0.0	0.0	0.0	0.333	0.333	0.333	34.0	0.0	0.0	0.0	325.3	2.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1062	NW_040$_e$	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	38.1	0.0	0.0	0.0	0.0	0.4	0.4	0.4	40.8	0.0	0.0	0.0	325.3	2.6	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1063	NW_046$_e$	0.466	0.466	0.466	0.466	0.0	0.466	360	0.466	0.466	0.466	44.4	0.0	0.0	0.0	0.0	0.466	0.466	0.466	47.3	0.0	0.0	0.0	325.4	2.8	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1064	NW_053$_e$	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	50.8	0.0	0.0	0.0	0.0	0.533	0.533	0.533	53.7	0.0	0.0	0.0	325.3	2.9	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1065	NW_060$_e$	0.6	0.6	0.6	0.6	0.0	0.6	360	0.6	0.6	0.6	57.2	0.0	0.0	0.0	0.0	0.6	0.6	0.6	60.0	0.0	0.0	0.0	325.3	2.8	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1066	NW_066$_e$	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	63.5	0.0	0.0	0.0	0.0	0.666	0.666	0.666	66.1	0.0	0.0	0.0	325.2	2.6	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1067	NW_073$_e$	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	70.0	0.0	0.0	0.0	0.0	0.734	0.734	0.734	72.3	0.0	0.0	0.0	325.2	2.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1068	NW_080$_e$	0.8	0.8	0.8	0.8	0.0	0.8	360	0.8	0.8	0.8	76.3	0.0	0.0	0.0	0.0	0.8	0.8	0.8	78.1	0.0	0.0	0.0	325.2	1.8	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1069	NW_086$_e$	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	82.6	0.0	0.0	0.0	0.0	0.866	0.866	0.866	83.9	0.0	0.0	0.0	325.2	1.3	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1070	NW_093$_e$	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	89.0	0.0	0.0	0.0	0.0	0.933	0.933	0.933	89.7	0.0	0.0	0.0	325.2	0.6	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1071	NW_100$_e$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	1.0	1.0	1.0	95.4	0.0	0.0	0.0	325.2	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1072	NW_000$_e$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1073	NW_100$_e$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	1.0	1.0	1.0	95.4	0.0	0.0	0.0	325.2	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1074	R00Y_100_100$_e$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4	1.0	0.0	0.0	50.4	76.9	64.5	100.4	39.9	27.2	375	1.0	0.0	0.263	50.9	78.3	37.3	86.7	25.4
1075	G50B_100_100$_e$	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9	0.0	1.0	1.0	86.8	−46.1	−13.5	48.1	196.3	18.7	215	0.0	0.89	1.0	79.0	−34.2	−25.7	42.8	216.9
1076	Y00G_100_100$_e$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3	1.0	1.0	0.0	92.6	−20.6	90.7	93.0	102.8	20.4	82	1.0	0.856	0.0	83.7	−3.4	84.5	84.5	92.3
1077	B00R_100_100$_e$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7	0.0	0.0	1.0	30.3	76.0	−103.5	128.5	306.2	92.5	232	0.0	0.609	1.0	59.2	1.7	−56.6	56.6	271.7
1078	G00B_100_100$_e$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2	0.0	1.0	0.0	83.6	−82.7	79.8	115.0	136.0	61.8	193	0.0	1.0	0.706	85.1	−64.6	20.7	67.9	162.2
1079	B50R_100_100$_e$	1.0	0.0	1.0	1.0	1.0	0.5	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6	1.0	0.0	1.0	57.2	94.3	−58.4	111.0	328.2	1.0	330	1.0	0.0	0.991	57.1	94.1	−57.4	110.3	328.6

delta *E' = 9.3**

PN090−7N, 18/18−F

5−0131730−F0

TUB-test chart PN09; colour rendering; sRGB
colors and differences, $\Delta E^{*\prime}$, 3D=0, de=1, *sRGB*

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

see similar files: http://130.149.60.45/~farbmetrik/PN09/PN09.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

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