

see similar files: <http://130.149.60.45/~farbmetrik/YE13/YE13.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

%Xn	Yn	Zn	X0	Y0	Z0	X1	Y1	Z1	DV
iimp=60, colour difference pairs WA_EW060, xchart3=1, xchart4=0 %									
0095050	0100000	0108880	0019170	0026000	0068570	0081450	0085450	0091950	0014353 140000001 % (C-W)
0095050	0100000	0108880	0019170	0026000	0068570	0004440	0004620	0005160	0013825 140000002 % (C-N)
0095050	0100000	0108880	0044450	0051720	0081960	0081450	0085450	0091950	0006561 140000003 % (CW-W)
0095050	0100000	0108880	0044450	0051720	0081960	0019170	0026000	0068570	0006548 140000004 % (CW-C)
0095050	0100000	0108880	0009490	0011740	0024060	0004440	0004620	0005160	0008502 140000005 % (CN-N)
0095050	0100000	0108880	0009490	0011740	0024060	0019170	0026000	0068570	0006418 140000006 % (CN-C)
0095050	0100000	0108880	0044450	0051720	0081960	0009490	0011740	0024060	0008320 140000007 % (CW-CN)
0095050	0100000	0108880	0019170	0026000	0068570	0025350	0026540	0028860	0010287 140000008 % (C-NW)
0095050	0100000	0108880	0019170	0026000	0068570	0009240	0006900	0024940	0009802 140000009 % (C-V)
0095050	0100000	0108880	0013600	0017760	0042310	0019510	0016330	0038200	0008602 140000010 % (Cn-Vn)
0095050	0100000	0108880	0009240	0006900	0024940	0081450	0085450	0091950	0014917 140000011 % (V-W)
0095050	0100000	0108880	0009240	0006900	0024940	0004440	0004620	0005160	0007958 140000012 % (V-N)
0095050	0100000	0108880	0033430	0030620	0052030	0081450	0085450	0091950	0007234 140000013 % (VW-W)
0095050	0100000	0108880	0033430	0030620	0052030	0009240	0006900	0024940	0009861 140000014 % (VW-V)
0095050	0100000	0108880	0006670	0005940	0012800	0004440	0004620	0005160	0004352 140000015 % (VN-N)
0095050	0100000	0108880	0006670	0005940	0012800	0009240	0006900	0024940	0002606 140000016 % (VN-V)
0095050	0100000	0108880	0033430	0030620	0052030	0006670	0005940	0012800	0007703 140000017 % (VW-VN)
0095050	0100000	0108880	0033430	0030620	0052030	0025350	0026540	0028860	0005155 140000018 % (VW-NW)
0095050	0100000	0108880	0009240	0006900	0024940	0031640	0016780	0019250	0010493 140000019 % (V-M)
0095050	0100000	0108880	0007950	0006450	0018640	0014420	0009900	0012180	0008001 140000020 % (Vn-MN)
0095050	0100000	0108880	0031640	0016780	0019250	0081450	0085450	0091950	0016372 140000021 % (M-W)
0095050	0100000	0108880	0031640	0016780	0019250	0004440	0004620	0005160	0013777 140000022 % (M-N)
0095050	0100000	0108880	0055390	0044170	0051880	0081450	0085450	0091950	0007549 140000023 % (MW-W)
0095050	0100000	0108880	0055390	0044170	0051880	0031640	0016780	0019250	0007922 140000024 % (MW-M)
0095050	0100000	0108880	0014420	0009900	0012180	0004440	0004620	0005160	0007264 140000025 % (MN-N)
0095050	0100000	0108880	0014420	0009900	0012180	0031640	0016780	0019250	0006638 140000026 % (MN-M)
0095050	0100000	0108880	0055390	0044170	0051880	0014420	0009900	0012180	0007994 140000027 % (MW-MN)
0095050	0100000	0108880	0042990	0028020	0034740	0025350	0026540	0028860	0010832 140000028 % (Mw-NW)
0095050	0100000	0108880	0031640	0016780	0019250	0031890	0018900	0005610	0006989 140000029 % (M-O)
0095050	0100000	0108880	0021860	0012980	0016690	0021070	0013720	0005510	0006198 140000030 % (Mn-On)
0095050	0100000	0108880	0031890	0018900	0005610	0081450	0085450	0091950	0015845 140000031 % (O-W)
0095050	0100000	0108880	0031890	0018900	0005610	0004440	0004620	0005160	0014952 140000032 % (O-N)
0095050	0100000	0108880	0052200	0043410	0027810	0081450	0085450	0091950	0006902 140000033 % (OW-W)
0095050	0100000	0108880	0052200	0043410	0027810	0031890	0018900	0005610	0008960 140000034 % (OW-O)
0095050	0100000	0108880	0013410	0010050	0005710	0004440	0004620	0005160	0008314 140000035 % (ON-N)
0095050	0100000	0108880	0013410	0010050	0005710	0031890	0018900	0005610	0007467 140000036 % (ON-O)
0095050	0100000	0108880	0052200	0043410	0027810	0013410	0010050	0005710	0009155 140000037 % (OW-ON)
0095050	0100000	0108880	0041230	0029130	0012710	0025350	0026540	0028860	0008454 140000038 % (Ow-NW)
0095050	0100000	0108880	0031890	0018900	0005610	0065480	0072390	0010850	0015952 140000039 % (O-Y)
0095050	0100000	0108880	0041230	0029130	0012710	0040430	0045160	0009860	0009409 140000040 % (Ow-Yn)
0095050	0100000	0108880	0065480	0072390	0010850	0081450	0085450	0091950	0008880 140000041 % (Y-W)
0095050	0100000	0108880	0065480	0072390	0010850	0004440	0004620	0005160	0018609 140000042 % (Y-N)
0095050	0100000	0108880	0071150	0079190	0037830	0081450	0085450	0091950	0004438 140000043 % (YW-W)
0095050	0100000	0108880	0071150	0079190	0037830	0065480	0072390	0010850	0003025 140000044 % (YW-Y)
0095050	0100000	0108880	0021850	0024060	0008250	0004440	0004620	0005160	0009823 140000045 % (YN-N)
0095050	0100000	0108880	0021850	0024060	0008250	0065480	0072390	0010850	0007301 140000046 % (YN-Y)
0095050	0100000	0108880	0071150	0079190	0037830	0021850	0024060	0008250	0007454 140000047 % (YW-YN)
0095050	0100000	0108880	0021850	0024060	0008250	0025350	0026540	0028860	0005529 140000048 % (YN-NW)
0095050	0100000	0108880	0065480	0072390	0010850	0009850	0019310	0007710	0014478 140000049 % (Y-L)
0095050	0100000	0108880	0021850	0024060	0008250	0020680	0032750	0018600	0007251 140000050 % (Y-Lw)

TUB registration: 20140801-YE13/YE13L0NP.PDF /.PS
application for measurement of display or printer output

TUB material: code=rha4ta

%Xn	Yn	Zn	X0	Y0	Z0	X1	Y1	Z1	DV
iimp=60, colour difference pairs WA_EW060, xchart3=1, xchart4=0 %									
0095050	0100000	0108880	0009850	0019310	0007710	0081450	0085450	0091950	0011695 14000051 % (L-W)
0095050	0100000	0108880	0009850	0019310	0007710	0004440	0004620	0005160	0012749 14000052 % (L-N)
0095050	0100000	0108880	0034100	0045600	0033770	0081450	0085450	0091950	0006339 14000053 % (LW-W)
0095050	0100000	0108880	0034100	0045600	0033770	0009850	0019310	0007710	0006984 14000054 % (LW-L)
0095050	0100000	0108880	0006220	0009550	0007170	0004440	0004620	0005160	0008428 14000055 % (LN-N)
0095050	0100000	0108880	0006220	0009550	0007170	0009850	0019310	0007710	0004851 14000056 % (LN-L)
0095050	0100000	0108880	0034100	0045600	0033770	0006220	0009550	0007170	0008547 14000057 % (LW-LN)
0095050	0100000	0108880	0020680	0032750	0018600	0025350	0026540	0028860	0007322 14000058 % (Lw-NW)
0095050	0100000	0108880	0009850	0019310	0007710	0019170	0026000	0068570	0009605 14000059 % (L-C)
0095050	0100000	0108880	0020680	0032750	0018600	0019170	0026000	0068570	0009738 14000060 % (Lw-C)

%Xn	Yn	Zn	X0	Y0	Z0	X1	Y1	Z1	DV
iimp=60, colour difference pairs WA_EW060, xchart3=1, xchart4=0 %									
Minimum, maximum and average colour difference value									
STRESS constant F and STRESS value S									
iai+1 = 60, d_CIELABmina = 22.26, d_CIELABmaxa = 107.78, d_CIELABavea = 50.28									
iai+1 = 60, CIELAB_Fa = 5.46, CIELAB_STRESSa = 20.88									
iai+1 = 60, d_CIELCHmina = 22.28, d_CIELCHmaxa = 107.79, d_CIELCHavea = 50.29									
iai+1 = 60, CIELCHFa = 5.46, CIELCHSTRESSa = 20.88									
iai+1 = 60, d_C94LCHmina = 11.45, d_C94LCHmaxa = 65.31, d_C94LCHavea = 28.81									
iai+1 = 60, C94LCHFa = 3.14, C94LCHSTRESSa = 25.12									
iai+1 = 60, d_CMCLCHmina = 11.68, d_CMCLCHmaxa = 67.84, d_CMCLCHavea = 31.32									
iai+1 = 60, CMCLCHFa = 3.4, CMCLCHSTRESSa = 17.43									
iai+1 = 60, d_C00LCHmina = 9.39, d_C00LCHmaxa = 65.06, d_C00LCHavea = 29.37									
iai+1 = 60, C00LCHFa = 3.19, C00LCHSTRESSa = 19.2									
iai+1 = 60, d_C85LCHmina = 49.44, d_C85LCHmaxa = 514.71, d_C85LCHavea = 221.9									
iai+1 = 60, C85LCHFa = 24.28, C85LCHSTRESSa = 25.77									

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technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

%L*	a*	b*	C*ab0	hab0	L*1	a*1	b*1	C*ab1	hab1
iimp=60, colour difference pairs WA_EW060, xchart3=1, xchart4=0 %									
58.04	-25.89	-43.77	50.86	239.39	94.08	0.44	0.74	0.86	58.9
58.04	-25.89	-43.77	50.86	239.39	25.65	0.65	-0.61	0.89	317.2
77.11	-13.24	-21.39	25.16	238.23	94.08	0.44	0.74	0.86	58.9
77.11	-13.24	-21.39	25.16	238.23	58.04	-25.89	-43.77	50.86	239.3
40.81	-12.86	-22.97	26.32	240.75	25.65	0.65	-0.61	0.89	317.2
40.81	-12.86	-22.97	26.32	240.75	58.04	-25.89	-43.77	50.86	239.3
77.11	-13.24	-21.39	25.16	238.23	40.81	-12.86	-22.97	26.32	240.7
58.04	-25.89	-43.77	50.86	239.39	58.55	0.52	0.05	0.52	5.9
58.04	-25.89	-43.77	50.86	239.39	31.6	24.8	-40.31	47.33	301.5
49.21	-19.52	-33.51	38.79	239.77	47.41	21.64	-31.73	38.4	304.2
31.6	24.8	-40.31	47.33	301.59	94.08	0.44	0.74	0.86	58.9
31.6	24.8	-40.31	47.33	301.59	25.65	0.65	-0.61	0.89	317.2
62.19	15.92	-21.55	26.8	306.46	94.08	0.44	0.74	0.86	58.9
62.19	15.92	-21.55	26.8	306.46	31.6	24.8	-40.31	47.33	301.5
29.28	11.13	-19.92	22.82	299.19	25.65	0.65	-0.61	0.89	317.2
29.28	11.13	-19.92	22.82	299.19	31.6	24.8	-40.31	47.33	301.5
62.19	15.92	-21.55	26.8	306.46	29.28	11.13	-19.92	22.82	299.1
62.19	15.92	-21.55	26.8	306.46	58.55	0.52	0.05	0.52	5.9
31.6	24.8	-40.31	47.33	301.59	47.99	70.71	-1.93	70.74	358.4
30.54	18.12	-30.82	35.75	300.45	37.68	35.34	-3.84	35.55	353.7
47.99	70.71	-1.93	70.74	358.43	94.08	0.44	0.74	0.86	58.9
47.99	70.71	-1.93	70.74	358.43	25.65	0.65	-0.61	0.89	317.2
72.34	36.84	-3.89	37.05	353.96	94.08	0.44	0.74	0.86	58.9
72.34	36.84	-3.89	37.05	353.96	47.99	70.71	-1.93	70.74	358.4
37.68	35.34	-3.84	35.55	353.79	25.65	0.65	-0.61	0.89	317.2
37.68	35.34	-3.84	35.55	353.79	47.99	70.71	-1.93	70.74	358.4
72.34	36.84	-3.89	37.05	353.96	37.68	35.34	-3.84	35.55	353.7
59.91	56.6	-5.78	56.9	354.16	58.55	0.52	0.05	0.52	5.9
47.99	70.71	-1.93	70.74	358.43	50.58	60.47	40.32	72.68	33.6
42.74	53.15	-5.77	53.47	353.8	43.84	44.7	29.15	53.36	33.1
50.58	60.47	40.32	72.68	33.69	94.08	0.44	0.74	0.86	58.9
50.58	60.47	40.32	72.68	33.69	25.65	0.65	-0.61	0.89	317.2
71.83	30.86	24.53	39.42	38.47	94.08	0.44	0.74	0.86	58.9
71.83	30.86	24.53	39.42	38.47	50.58	60.47	40.32	72.68	33.6
37.94	27.81	18.1	33.18	33.06	25.65	0.65	-0.61	0.89	317.2
37.94	27.81	18.1	33.18	33.06	50.58	60.47	40.32	72.68	33.6
71.83	30.86	24.53	39.42	38.47	37.94	27.81	18.1	33.18	33.0
60.9	47.03	34.82	58.52	36.51	58.55	0.52	0.05	0.52	5.9
50.58	60.47	40.32	72.68	33.69	88.16	-7.35	86.83	87.14	94.8
60.9	47.03	34.82	58.52	36.51	73.0	-7.57	63.6	64.05	96.7
88.16	-7.35	86.83	87.14	94.84	94.08	0.44	0.74	0.86	58.9
88.16	-7.35	86.83	87.14	94.84	25.65	0.65	-0.61	0.89	317.2
91.32	-8.59	44.42	45.25	100.95	94.08	0.44	0.74	0.86	58.9
91.32	-8.59	44.42	45.25	100.95	88.16	-7.35	86.83	87.14	94.8
56.15	-4.68	39.74	40.01	96.72	25.65	0.65	-0.61	0.89	317.2
56.15	-4.68	39.74	40.01	96.72	88.16	-7.35	86.83	87.14	94.8
91.32	-8.59	44.42	45.25	100.95	56.15	-4.68	39.74	40.01	96.7
56.15	-4.68	39.74	40.01	96.72	58.55	0.52	0.05	0.52	5.9
88.16	-7.35	86.83	87.14	94.84	51.05	-54.12	32.83	63.3	148.7
56.15	-4.68	39.74	40.01	96.72	63.96	-43.91	26.87	51.48	148.5

TUB-test chart YE13; Relative visual pair comparison

Data colour difference experiments WA_EW060, WANG original data, _TR, _nPf, all colours of 60

input: w/rgb/cmyk -> (w/rgb/cmyk)

TUB registration: 20140801-YE13/YE13L0NP.PDF /.PS
application for measurement of display or printer output, no separation
TUB material: code=rha4ta

%L*0	a*0	b*0	C*ab0	hab0	L*1	a*1	b*1	C*ab1	hab1
iimp=60, colour difference pairs WA_EW060, xchart3=1, xchart4=0 %									
51.05	-54.12	32.83	63.3	148.75	94.08	0.44	0.74	0.86	58.9
51.05	-54.12	32.83	63.3	148.75	25.65	0.65	-0.61	0.89	317.2
73.29	-29.56	18.55	34.9	147.88	94.08	0.44	0.74	0.86	58.9
73.29	-29.56	18.55	34.9	147.88	51.05	-54.12	32.83	63.3	148.7
37.04	-27.03	10.64	29.05	158.5	25.65	0.65	-0.61	0.89	317.2
37.04	-27.03	10.64	29.05	158.5	51.05	-54.12	32.83	63.3	148.7
73.29	-29.56	18.55	34.9	147.88	37.04	-27.03	10.64	29.05	158.5
63.96	-43.91	26.87	51.48	148.52	58.55	0.52	0.05	0.52	5.9
51.05	-54.12	32.83	63.3	148.75	58.04	-25.89	-43.77	50.86	239.3
63.96	-43.91	26.87	51.48	148.52	58.04	-25.89	-43.77	50.86	239.3

%L*0 a*0 b*0 C*ab0 hab0 L*1 a*1 b*1 C*ab1 hab1
iimp=60, colour difference pairs WA_EW060, xchart3=1, xchart4=0 %
Minimum, maximum and average colour difference value
STRESS constant F and STRESS value S
iai+1 = 60, d_CIELABmina = 22.26, d_CIELABmaxa = 107.78, d_CIELABavea = 50.28
iai+1 = 60, CIELAB_Fa = 5.46, CIELAB_STRESSa = 20.88

iai+1 = 60, d_CIELCHmina = 22.28, d_CIELCHmaxa = 107.79, d_CIELCHavea = 50.29
iai+1 = 60, CIELCHFa = 5.46, CIELCHSTRESSa = 20.88

iai+1 = 60, d_C94LCHmina = 11.45, d_C94LCHmaxa = 65.31, d_C94LCHavea = 28.81
iai+1 = 60, C94LCHFa = 3.14, C94LCHSTRESSa = 25.12

iai+1 = 60, d_CMCLCHmina = 11.68, d_CMCLCHmaxa = 67.84, d_CMCLCHavea = 31.32
iai+1 = 60, CMCLCHFa = 3.4, CMCLCHSTRESSa = 17.43

iai+1 = 60, d_C00LCHmina = 9.39, d_C00LCHmaxa = 65.06, d_C00LCHavea = 29.37
iai+1 = 60, C00LCHFa = 3.19, C00LCHSTRESSa = 19.2

iai+1 = 60, d_C85LCHmina = 49.44, d_C85LCHmaxa = 514.71, d_C85LCHavea = 221.9
iai+1 = 60, C85LCHFa = 24.28, C85LCHSTRESSa = 25.77