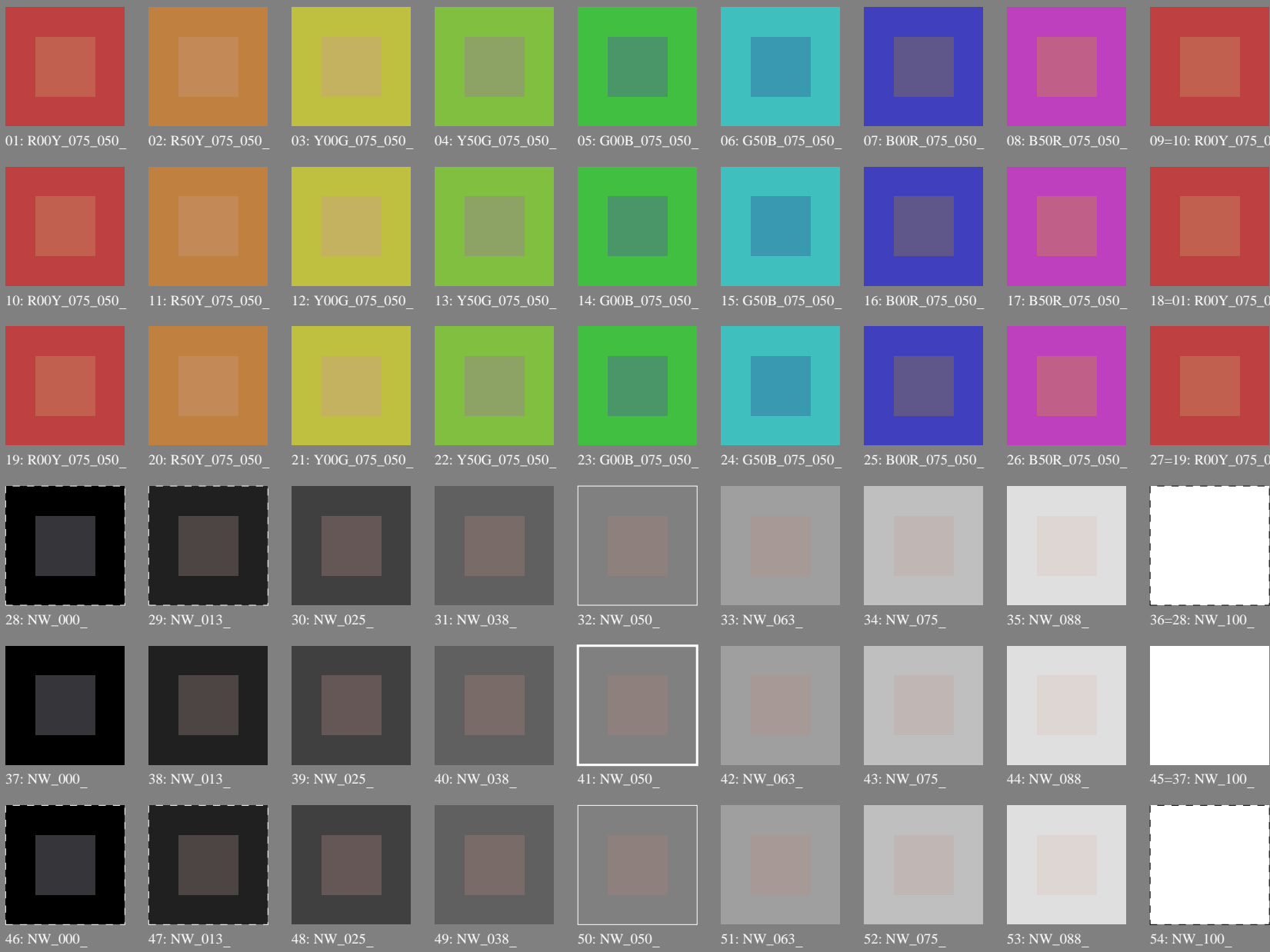


Test chart 2 for color rendering: metameric colours D65 and D50; offset print (CMYK)

see similar files: <http://130.149.60.45/~farbmetrik/PE25/PE25.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-PE25/PE25L0NA.TXT /.PS
application for measurement of offset print output

TUB material: code=rh4ta



Series:
metameric
m
D65

central
z
D65/D50

metameric
m
D50

metameric
m
D65

grey
g
D65/D50

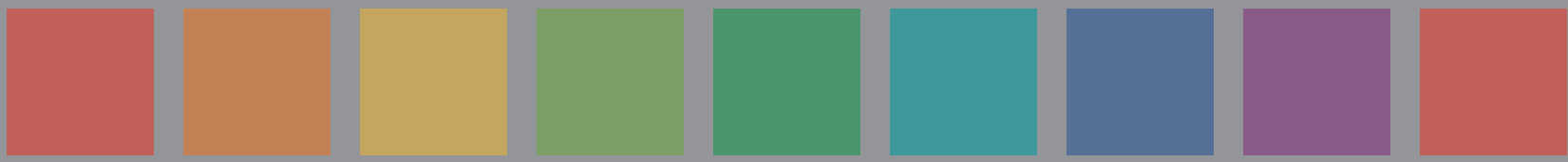
metameric
m
D50



Test chart 2 for color rendering: metameric colours D65 and D50; offset print (CMYK); rgb->rgb_e

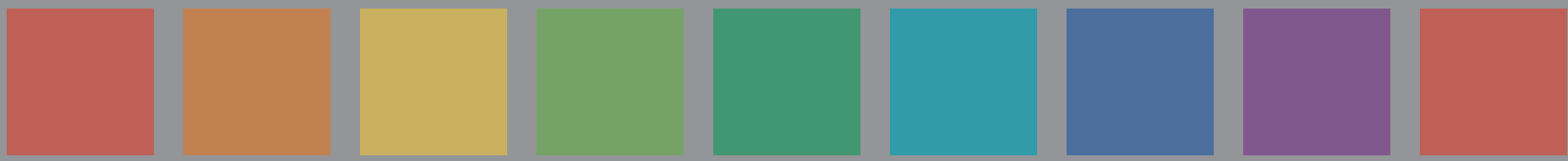
see similar files: <http://130.149.60.45/~farbmetrik/PE25/PE25.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-PE25/PE25L0NA.TXT /.PS
application for measurement of offset print output, separation cmyk6 (CMYK)
TUB material: code=rh4ta



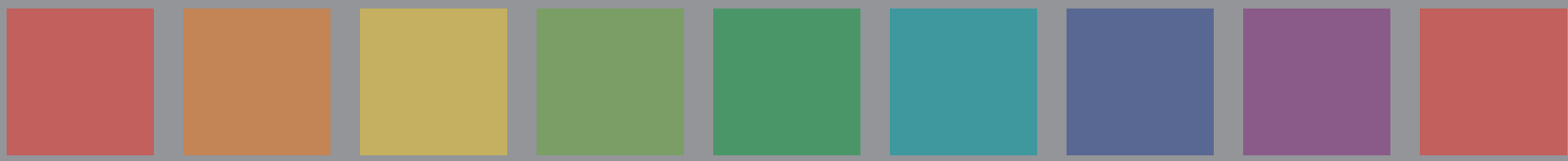
Series:
metameric
m
D65

01: R00Y_075_050_e 02: R50Y_075_050_e 03: Y00G_075_050_e 04: Y50G_075_050_e 05: G00B_075_050_e 06: G50B_075_050_e 07: B00R_075_050_e 08: B50R_075_050_e 09=10: R00Y_075_050_e



central
Z
D65/D50

10: R00Y_075_050_e 11: R50Y_075_050_e 12: Y00G_075_050_e 13: Y50G_075_050_e 14: G00B_075_050_e 15: G50B_075_050_e 16: B00R_075_050_e 17: B50R_075_050_e 18=01: R00Y_075_050_e



metameric
m
D50

19: R00Y_075_050_e 20: R50Y_075_050_e 21: Y00G_075_050_e 22: Y50G_075_050_e 23: G00B_075_050_e 24: G50B_075_050_e 25: B00R_075_050_e 26: B50R_075_050_e 27=19: R00Y_075_050_e



metameric
m
D65

Lab*N0=17.7, 0.6, 0.6
Lab*W0=95.4, 1.3, -4.9
Lab*N=24.3, -5.6, -6.8
Lab*W=95.6, 1.4, -5.0

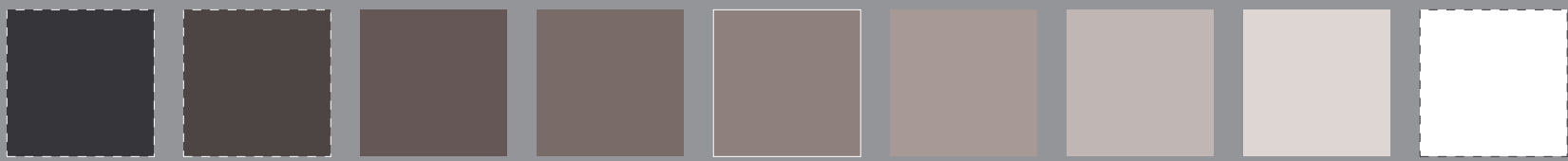
28: NW_000_e 29: NW_013_e 30: NW_025_e 31: NW_038_e 32: NW_050_e 33: NW_063_e 34: NW_075_e 35: NW_088_e 36=28: NW_100_e



grey
g
D65/D50

Lab*N0=17.7, 0.6, 0.6
Lab*W0=95.4, 1.3, -4.9
Lab*N1=17.7, 0.8, 0.6
Lab*W1=95.4, 0.8, -4.9

37: NW_000_e 38: NW_013_e 39: NW_025_e 40: NW_038_e 41: NW_050_e 42: NW_063_e 43: NW_075_e 44: NW_088_e 45=37: NW_100_e



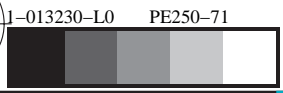
metameric
m
D50

Lab*N1=17.7, 0.8, 0.6
Lab*W1=95.4, 0.8, -4.9
Lab*N=24.0, -5.6, -7.3
Lab*W=95.5, 0.9, -5.0

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

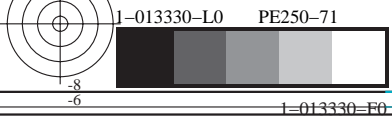
see similar files: <http://130.149.60.45/~farbmetrik/PE25/PE25.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-PE25/PE25L0NA.TXT /.PS TUB material: code=rh4ta
application for measurement of offset print output, separation cmykn6 (CMYK)



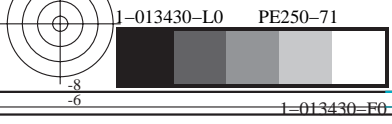
see similar files: <http://130.149.60.45/~farbmetrik/PE25/PE25.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-PE25/PE25L0NA.TXT /.PS TUB material: code=rh4ta
application for measurement of offset print output, separation cmykn6 (CMYK)

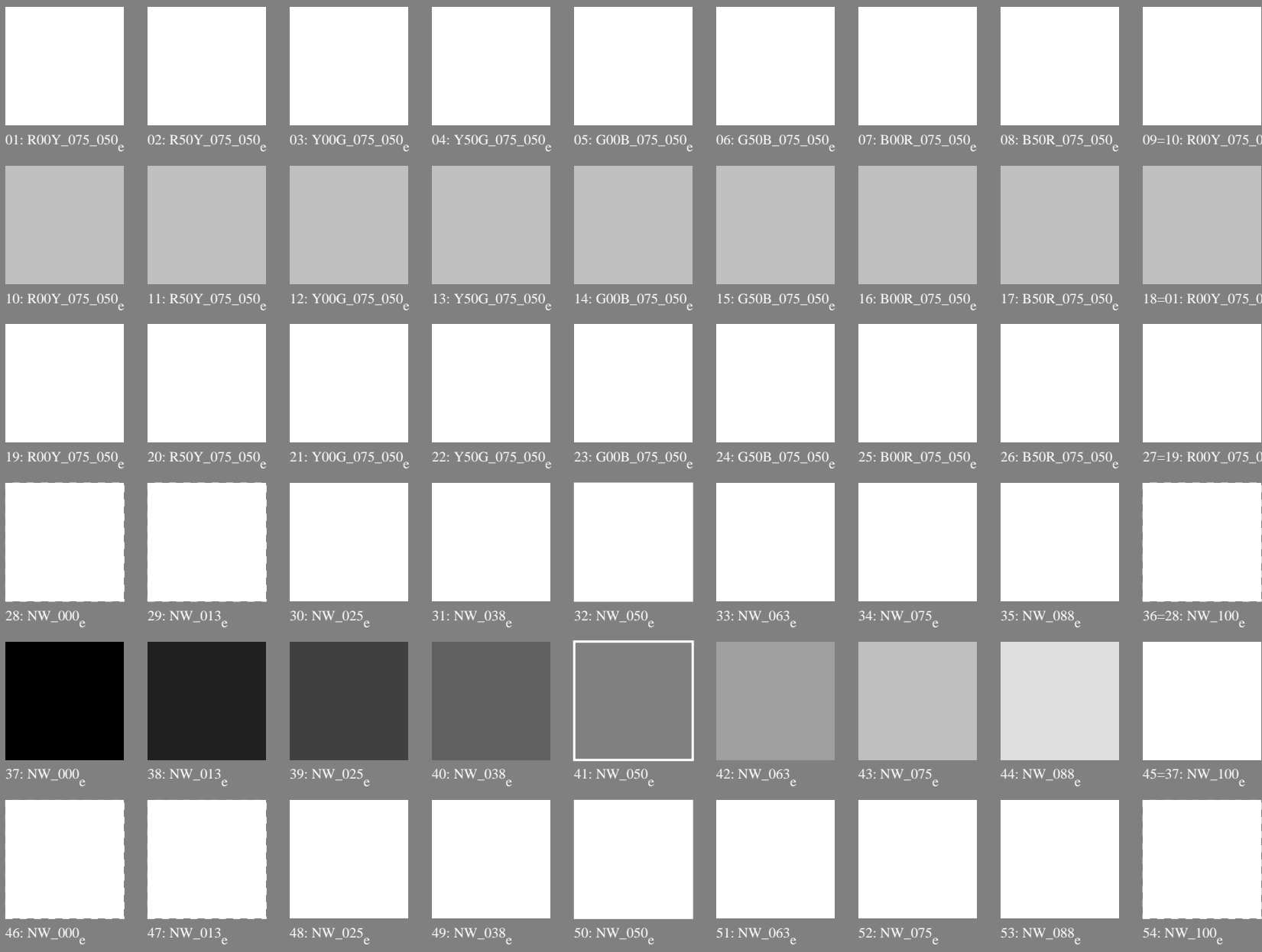


see similar files: <http://130.149.60.45/~farbmetrik/PE25/PE25.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-PE25/PE25L0NA.TXT /.PS TUB material: code=rh4ta
application for measurement of offset print output, separation cmykn6 (CMYK)



Test chart 2 for color rendering: metameric colours D65 and D50; offset print (CMYK); *rgb*→*rgb_e*



Series:
metameric
m
D65

central
z
D65/D50

metameric
m
D50

metameric
m
D65

grey
g
D65/D50

metameric
m
D50

Lab*N0=17.7, 0.6, 0.6
Lab*W0=95.4, 1.3, -4.9
Lab*N=24.3, -5.6, -6.8
Lab*W=95.6, 1.4, -5.0

Lab*N0=17.7, 0.6, 0.6
Lab*W0=95.4, 1.3, -4.9
Lab*N1=17.7, 0.8, 0.6
Lab*W1=95.4, 0.8, -4.9

Lab*N1=17.7, 0.8, 0.6
Lab*W1=95.4, 0.8, -4.9
Lab*N=24.0, -5.6, -7.3
Lab*W=95.5, 0.9, -5.0

see similar files: <http://130.149.60.45/~farbmetrik/PE25/PE25.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-PE25/PE25L0NA.TXT /.PS
application for measurement of offset print output, separation *cmyn6* (CMYK)
TUB material: code=rh4ta

Table with 17 columns: nrf, HHC*Fe, rpb*Fe, icr*Fe, hsa*Fe, LabCh*Fe, rpb*Fe, LabCh*Fe, rpb*Fe, DE*Fe, hsa*Fe, LabCh*Fe, rpb*Fe, LabCh*Fe, rpb*Fe, DE*Fe, hsa*Fe. Rows contain numerical data for various color and registration parameters.

Mean color difference of this page: delta E** = 17.3

input: rgb/cmyk -> rgbe
output: transfer to cmyke

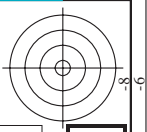
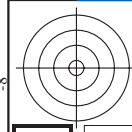
TUB-test chart PE25; colour rendering
colors and differences, AE*, 3D=0, de=1, cmyk

http://130.149.60.45/~farbmetrik/PE25/PE25LONA.TXT /PS; transfer output N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 9/22

Table with 80 columns (numbered 1-80) and 15 rows of data. Each cell contains a color name and a series of numerical values representing color differences and registration data.

Mean color difference of this page: delta E* = 11.0

TUB-test chart PE25; colour rendering colors and differences, AE*, 3D=0, de=L, cmyk input: rgb/cmyk -> rgbe output: transfer to cmyke



http://130.149.60.45/~farbmetrik/PE25/PE25LONA.TXT /.PS; transfer output N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 10/22

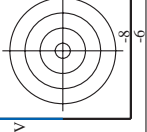
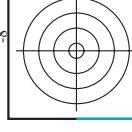
Table with 16 columns: n, HHC*Fe, rpb*Fe, icr*Fe, hsa*Fe, rpb*Fe, LabCH*Fe, rpb*Fe, LabCH*Fe, DF*Fe, hsa*Fe, rpb*Fe, LabCH*Fe, rpb*Fe, LabCH*Fe, and numerical values. The table contains 161 rows of data.

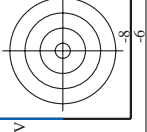
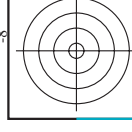
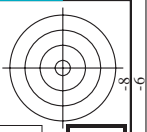
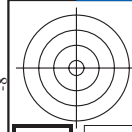
Mean color difference of this page: delta E* = 11.2

input: rgb/cmyk -> rgbe output: transfer to cmyke

PE25-7N; Page 10/22-F

TUB-test chart PE25; colour rendering colors and differences, AE*, 3D=0, de=L, cmyk





http://130.149.60.45/~farbmatrik/PE25/PE25LONA.TXT /.PS; transfer output N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 11/22

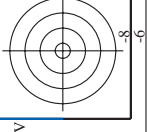
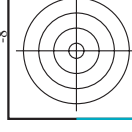
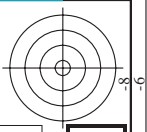
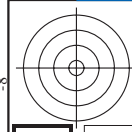
Table with 24 columns: n, HHC*Fe, rpb*Fe, icr*Fe, HsL*Fe, rpb*Fe, LabC*Fe, LabM*Fe, LabY*Fe, rpb*Fe, LabC*Fe, LabM*Fe, LabY*Fe, rpb*Fe, DF*Fe, HsM*Fe, rpb*Fe, LabC*Fe, LabM*Fe, LabY*Fe, rpb*Fe, LabC*Fe, LabM*Fe, LabY*Fe. Each row contains numerical data for a specific color patch.

Mean color difference of this page:

input: rgb/cmyk -> rgbe output: transfer to cmyke

PE25-7N, Page 11/22-F

TUB-test chart PE25; colour rendering colors and differences, ΔE*, 3D=0, de=L, cmyk

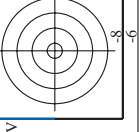
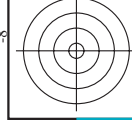
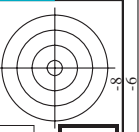
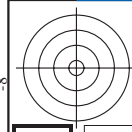


http://130.149.60.45/~farbmatrik/PE25/PE25LONA.TXT /.PS; transfer output N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 12/22

Table with 32 columns: n, HHC*Fe, rgb*Fe, icr*Fe, Hs*Fe, rgb*Fe, LabCh*Fe, LabCh*Fe, LabCh*Fe, rgb*Fe, DF*Fe, Hs*Fe, rgb*Fe, LabCh*Fe, LabCh*Fe, LabCh*Fe, rgb*Fe, LabCh*Fe, LabCh*Fe, LabCh*Fe, rgb*Fe, DF*Fe, Hs*Fe, rgb*Fe, LabCh*Fe, LabCh*Fe, LabCh*Fe, rgb*Fe, LabCh*Fe, LabCh*Fe, LabCh*Fe, rgb*Fe. The table contains numerical data for various color and registration parameters across 32 rows.

Mean color difference of this page: delta E* = 13.4

TUB-test chart PE25; colour rendering colors and differences, AE*, 3D=0, de=L, cmyk input: rgb/cmyk -> rgbe output: transfer to cmyke

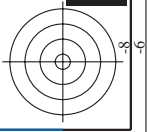
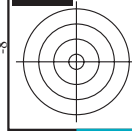
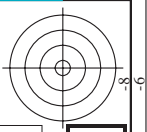
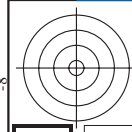


http://130.149.60.45/~farbmetrik/PE25/PE25LONA.TXT /PS; transfer output N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 13/22

Table with 15 columns: n, HHC*Fe, rpb*Fe, icr*Fe, hsa*Fe, rpb*Fe, LabCH*Fe, LabCH*Fe, rpb*Fe, DF*Fe, Hsa*Fe, LabCH*Fe, rpb*Fe, LabCH*Fe, rpb*Fe. Rows 324-404.

Mean color difference of this page: delta E* = 12.8

TUB-test chart PE25; colour rendering colors and differences, AE*, 3D=0, de=L, cmyk input: rgb/cmyk -> rgbe output: transfer to cmyke



http://130.149.60.45/~farbmetrik/PE25/PE25LONA.TXT /.PS; transfer output N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 14/22

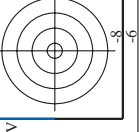
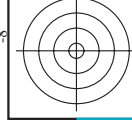
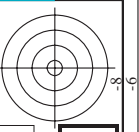
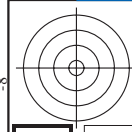
Table with 10 columns: n, HHC*Fe, rpb*Fe, icr*Fe, Hs*Fe, rpb*Fe, LabC*Fe, LabM*Fe, LabY*Fe, LabK*Fe, DF*Fe, Hs*Me, rpb*Me, LabC*Me, LabM*Me, LabY*Me, LabK*Me, and delta E*ab. It contains 485 rows of color calibration data.

Mean color difference in this page:

input: rgb/cmyk -> rgbe output: transfer to cmyke

PE25-79-N, Page 14/22-F

TUB-test chart PE25; colour rendering colors and differences, AE*, 3D=0, de=L, cmyk

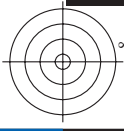
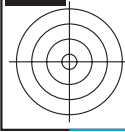
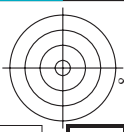
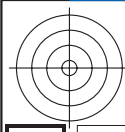


http://130.149.60.45/~farbmatrik/PE25/PE25LONA.TXT /PS; transfer output N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 15/22

Table with 15 columns: n, HHC*Fe, rpb*Fe, icr*Fe, hsa*Fe, rpb*Fe, LabCH*Fe, LabCH*Fe, rpb*Fe, rpb*Fe, LabCH*Fe, DF*Fe, Hsa*Fe, LabCH*Fe, LabCH*Fe. Rows 486-566.

Mean color difference of this page: delta E* = 12.8

TUB-test chart PE25; colour rendering colors and differences, AE*, 3D=0, de=L, cmyk input: rgb/cmyk -> rgbe output: transfer to cmyk



http://130.149.60.45/~farbmetrik/PE25/PE25LONA.TXT /PS; transfer output N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 16/22

Table with 15 columns: n, HHC*Fe, Rgb*Fe, Ict*Fe, Hsa*Fe, Rgb*Fe, LabCh*Fe, LabCh*Fe, Rgb*Fe, DFE*Fe, Hsa*Me, Rgb*Me, LabCh*Me, LabCh*Me, DFE*Me. Rows 567-647.

Mean color difference of this page: delta E* = 13.3

TUB-test chart PE25; colour rendering colors and differences, AE*, 3D=0, de=L, cmyk input: rgb/cmyk -> rgbe output: transfer to cmyke

http://130.149.60.45/~farbmetrik/PE25/PE25LONA.TXT /.PS; transfer output N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 17/22

Table with 25 columns: n, HHC*Fe, rpb*Fe, icr*Fe, HsL*Fe, rpb*Fe, LabCH*Fe, LabCH*Fe, rpb*Fe, DF*Fe, HsM*Fe, LabCH*Fe, rpb*Fe, LabCH*Fe, DF*Fe, HsM*Fe, LabCH*Fe, rpb*Fe, LabCH*Fe, DF*Fe, HsM*Fe, LabCH*Fe, rpb*Fe, LabCH*Fe, DF*Fe, HsM*Fe. Each row represents a color patch with its corresponding numerical values.

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

Mean color difference of this page:

delta E** = 14.4

http://130.149.60.45/~farbmetrik/PE25/PE25LONA.TXT /.PS; transfer output N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 19/22

Table with 10 columns: n, HbC*Fe, rpb*Fe, icr*Fe, Hs*Fe, rpb*Fe, LabC*Fe, LabC*Fe, rpb*Fe, DF*Fe, Hs*Fe, rpb*Fe, LabC*Fe, LabC*Fe, rpb*Fe, delta E* = J1,3. Rows 810-890.

input: rgb/cmyk -> rgbe output: transfer to cmyke

TUB-test chart PE25; colour rendering colors and differences, AE*, 3D=0, de=L, cmyk

PE25-7N, Page 19/22-F

I-0131830-F0

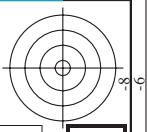
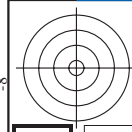
Table with 15 columns: n, H#C*Fe, rgp*Fe, icr*Fe, Hs*Fe, rpb*Fe, LabC*Fe, LabM*Fe, LabY*Fe, LabC*Fe, rpb*Fe, LabC*Fe, LabM*Fe, LabY*Fe, LabC*Fe. Each row contains numerical data for color calibration.

http://130.149.60.45/~farbmetrik/PE25/PE25LONA.TXT /.PS; transfer output N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 20/22

input: rgb/cmyk -> rgbe output: transfer to cmyke

TUB-test chart PE25; colour rendering colors and differences, AE*, 3D=0, de=L, cmyk

PE25-7N, Page 20-22-F

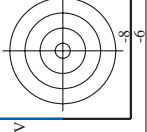
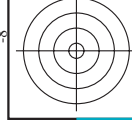


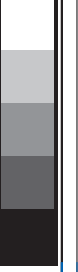
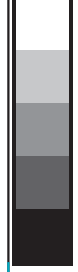
http://130.149.60.45/~farbmetrik/PE25/PE25LONA.TXT /.PS; transfer output N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 21/22

Table with 15 columns: n, HC*Fe, rgb*Fe, iet*Fe, ihs*Fe, rgb*Fe, LabCh*Fe, LabCh*Fe, LabCh*Fe, LabCh*Fe, LabCh*Fe, LabCh*Fe, LabCh*Fe, LabCh*Fe, LabCh*Fe. Rows 972-1052.

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

TUB-test chart PE25; colour rendering colors and differences, AE*, 3D=0, de=L, cmyk





http://130.149.60.45/~farbmetrik/PE25/PE25LONA.TXT /.PS; transfer output
 N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 22/22

n	HC*Fe	rgb*Fe	icr*Fe	hsa*Fe	rgb*Fe	LabCIE*Fe	LabCIE*Fe	rgb*Fe	LabCIE*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCIE*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCIE*Fe
1053	NW_086e	0.866	0.866	0.866	0.866	0.866	85.0	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866
1054	NW_093e	0.933	0.933	0.933	0.933	0.933	90.2	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933
1055	NW_100e	1.0	1.0	1.0	1.0	1.0	95.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1056	NW_100e	0.0	0.0	0.0	0.0	0.0	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1057	NW_100e	0.066	0.066	0.066	0.066	0.066	22.8	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066
1058	NW_013e	0.133	0.133	0.133	0.133	0.133	28.0	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133
1059	NW_020e	0.2	0.2	0.2	0.2	0.2	33.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
1060	NW_026e	0.266	0.266	0.266	0.266	0.266	38.3	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266
1061	NW_033e	0.333	0.333	0.333	0.333	0.333	43.6	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333
1062	NW_040e	0.4	0.4	0.4	0.4	0.4	48.8	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
1063	NW_046e	0.466	0.466	0.466	0.466	0.466	53.9	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466
1064	NW_053e	0.533	0.533	0.533	0.533	0.533	59.1	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533
1065	NW_060e	0.6	0.6	0.6	0.6	0.6	64.3	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
1066	NW_066e	0.666	0.666	0.666	0.666	0.666	69.5	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666
1067	NW_073e	0.734	0.734	0.734	0.734	0.734	74.7	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734
1068	NW_080e	0.8	0.8	0.8	0.8	0.8	79.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
1069	NW_086e	0.866	0.866	0.866	0.866	0.866	85.0	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866
1070	NW_093e	0.933	0.933	0.933	0.933	0.933	90.2	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933
1071	NW_100e	1.0	1.0	1.0	1.0	1.0	95.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1072	NW_100e	0.0	0.0	0.0	0.0	0.0	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1073	NW_100e	1.0	1.0	1.0	1.0	1.0	95.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1074	ROXY_100_100e	1.0	1.0	1.0	1.0	1.0	0.209	47.6	64.9	30.9	71.9	25.4	47.6	64.9	30.9	71.9	25.4
1075	GS0B_100_100e	0.0	0.0	0.0	0.0	0.0	56.6	-39.7	87.8	29.9	49.8	216.9	-39.7	87.8	29.9	49.8	216.9
1076	Y06G_100_100e	1.0	1.0	1.0	1.0	1.0	82.9	5.5	87.8	87.9	92.3	81.0	5.5	87.8	87.9	92.3	81.0
1077	B00G_100_100e	0.0	0.0	0.0	0.0	0.0	27.9	1.3	27.9	1.3	27.9	1.3	1.3	27.9	1.3	27.9	1.3
1078	B00B_100_100e	0.0	0.0	0.0	0.0	0.0	52.4	0.0	52.4	0.0	52.4	0.0	0.0	52.4	0.0	52.4	0.0
1079	B50B_100_100e	1.0	1.0	1.0	1.0	1.0	34.8	49.2	34.8	49.2	34.8	49.2	34.8	49.2	34.8	49.2	34.8

Mean color difference of this page: delta E* = 7.6

input: rgb/cmyk -> rgbe
 output: transfer to cmyke

TUB-test chart PE25; colour rendering
 colors and differences, AE*, 3D=0, de=1, cmyk

