

XTZ<sub>α</sub>=97.06, 99.99, 104.57

A<sub>1</sub> = 2.5 (a<sub>1</sub> - a<sub>2</sub>) Y

B<sub>1</sub> = 2.5 B<sub>2</sub> (b<sub>2</sub> - b<sub>1</sub>) Y

a<sub>2</sub> = a<sub>20</sub> [(x - x<sub>c</sub>)/y]

b<sub>2</sub> = b<sub>20</sub> [z/y]

a<sub>20</sub> = 1, b<sub>20</sub> = -0.4

a<sub>1</sub> = 0.110, B<sub>1</sub> = 0.800

C<sub>AB2</sub>=[A<sub>1</sub><sup>2</sup>+B<sub>1</sub><sup>2</sup>]<sup>1/2</sup>

6 Ostwald-Farben (o)

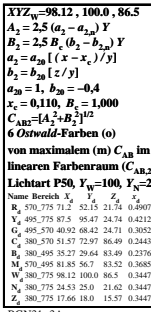
von maximalem (m) C<sub>AB</sub> im

linearen Farbraum (C<sub>AB,2</sub> Y)

Lichtart P60, Y<sub>w</sub>=100, Y<sub>c</sub>=25

Name Bereich X<sub>1</sub> Y<sub>1</sub> Z<sub>1</sub> X<sub>2</sub> Y<sub>2</sub> Z<sub>2</sub> X<sub>3</sub> Y<sub>3</sub> Z<sub>3</sub>
R<sub>1</sub> 506,775 72.43 55.21 24.32 0.4772 0.5037 590
B<sub>1</sub> 494,775 84.09 95.96 31.05 0.3983 0.4545 571 463
G<sub>1</sub> 494,568 37.07 65.98 31.10 0.2765 0.4231 535 535c
C<sub>1</sub> 380,569 40.57 70.04 104.560 22.26 0.1177 449 596
M<sub>1</sub> 380,494 37.21 52.15 99.79 10.226 0.1753 463 572
W<sub>1</sub> 508,494 84.38 99.13 99.83 0.3467 0.243 535 535
M<sub>2</sub> 380,775 97.45 106.99 104.570 21.28 0.3315 100%
N<sub>1</sub> 380,775 24.26 24.99 26.14 0.3218 0.3315 25
Z<sub>1</sub> 380,775 17.47 17.49 18.82 0.3218 0.3315 18%

Parameter: Y & Name Lichtart P60 Y<sub>w</sub>=100, Y<sub>c</sub>=25



XTZ<sub>α</sub>=97.45, 100.0, 95.98

A<sub>1</sub> = 2.5 (a<sub>1</sub> - a<sub>2</sub>) Y

B<sub>1</sub> = 2.5 B<sub>2</sub> (b<sub>2</sub> - b<sub>1</sub>) Y

a<sub>2</sub> = a<sub>20</sub> [(x - x<sub>c</sub>)/y]

b<sub>2</sub> = b<sub>20</sub> [z/y]

a<sub>20</sub> = 1, b<sub>20</sub> = -0.4

a<sub>1</sub> = 0.110, B<sub>1</sub> = 0.900

C<sub>AB2</sub>=[A<sub>1</sub><sup>2</sup>+B<sub>1</sub><sup>2</sup>]<sup>1/2</sup>

6 Ostwald-Farben (o)

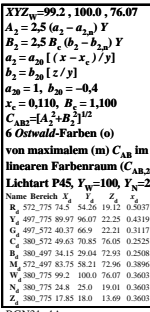
von maximalem (m) C<sub>AB</sub> im

linearen Farbraum (C<sub>AB,2</sub> Y)

Lichtart P55, Y<sub>w</sub>=100, Y<sub>c</sub>=25

Name Bereich X<sub>1</sub> Y<sub>1</sub> Z<sub>1</sub> X<sub>2</sub> Y<sub>2</sub> Z<sub>2</sub> X<sub>3</sub> Y<sub>3</sub> Z<sub>3</sub>
R<sub>1</sub> 497,775 72.43 55.21 24.32 0.4772 0.5037 590
B<sub>1</sub> 494,775 85.62 96.07 28.53 0.4072 0.4569 572 464
G<sub>1</sub> 494,569 37.65 65.96 28.49 0.288 0.4569 536
C<sub>1</sub> 380,569 40.5 69.91 95.97 0.2298 0.3245 490 597
M<sub>1</sub> 380,494 36.31 29.05 91.56 0.2314 0.3851 464 572
W<sub>1</sub> 509,494 84.29 99.16 91.6 0.3586 0.2516 536 536
M<sub>2</sub> 380,775 97.45 106.99 104.57 0.3321 0.3407 100%
N<sub>1</sub> 380,775 24.26 25.0 23.99 0.3321 0.3407 25
Z<sub>1</sub> 380,775 17.54 18.00 17.27 0.3321 0.3407 18%

Parameter: Y & Name Lichtart P55 Y<sub>w</sub>=100, Y<sub>c</sub>=25



BGN31-1A

XTZ<sub>α</sub>=98.12, 100.0, 86.5

A<sub>1</sub> = 2.5 (a<sub>1</sub> - a<sub>2</sub>) Y

B<sub>1</sub> = 2.5 B<sub>2</sub> (b<sub>2</sub> - b<sub>1</sub>) Y

a<sub>2</sub> = a<sub>20</sub> [(x - x<sub>c</sub>)/y]

b<sub>2</sub> = b<sub>20</sub> [z/y]

a<sub>20</sub> = 1, b<sub>20</sub> = -0.4

a<sub>1</sub> = 0.110, B<sub>1</sub> = 1.000

C<sub>AB2</sub>=[A<sub>1</sub><sup>2</sup>+B<sub>1</sub><sup>2</sup>]<sup>1/2</sup>

6 Ostwald-Farben (o)

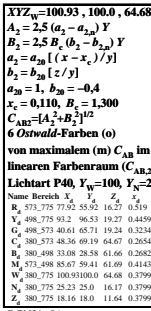
von maximalem (m) C<sub>AB</sub> im

linearen Farbraum (C<sub>AB,2</sub> Y)

Lichtart P50, Y<sub>w</sub>=100, Y<sub>c</sub>=25

Name Bereich X<sub>1</sub> Y<sub>1</sub> Z<sub>1</sub> X<sub>2</sub> Y<sub>2</sub> Z<sub>2</sub> X<sub>3</sub> Y<sub>3</sub> Z<sub>3</sub>
R<sub>1</sub> 495,775 87.5 95.47 24.74 0.4212 0.4996 573 467
G<sub>1</sub> 495,570 40.92 68.42 24.71 0.3052 0.5103 542 601
C<sub>1</sub> 380,570 51.57 72.97 86.49 0.2443 0.3457 491 621
M<sub>1</sub> 380,495 58.52 29.64 83.49 0.2376 0.1997 467 573
W<sub>1</sub> 570,495 81.85 96.87 83.52 0.3088 0.2553 542 542
M<sub>2</sub> 380,775 98.12 100.0 86.5 0.3447 0.3315 100%
N<sub>1</sub> 380,775 24.50 25.0 21.62 0.3447 0.3315 25
Z<sub>1</sub> 380,775 17.65 18.00 15.57 0.3447 0.3315 18%

Parameter: Y & Name Lichtart P50 Y<sub>w</sub>=100, Y<sub>c</sub>=25



BGN31-2A

XTZ<sub>α</sub>=99.2, 100.0, 76.07

A<sub>1</sub> = 2.5 (a<sub>1</sub> - a<sub>2</sub>) Y

B<sub>1</sub> = 2.5 B<sub>2</sub> (b<sub>2</sub> - b<sub>1</sub>) Y

a<sub>2</sub> = a<sub>20</sub> [(x - x<sub>c</sub>)/y]

b<sub>2</sub> = b<sub>20</sub> [z/y]

a<sub>20</sub> = 1, b<sub>20</sub> = -0.4

a<sub>1</sub> = 0.110, B<sub>1</sub> = 1.100

C<sub>AB2</sub>=[A<sub>1</sub><sup>2</sup>+B<sub>1</sub><sup>2</sup>]<sup>1/2</sup>

6 Ostwald-Farben (o)

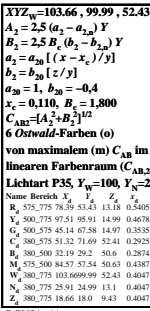
von maximalem (m) C<sub>AB</sub> im

linearen Farbraum (C<sub>AB,2</sub> Y)

Lichtart P45, Y<sub>w</sub>=100, Y<sub>c</sub>=25

Name Bereich X<sub>1</sub> Y<sub>1</sub> Z<sub>1</sub> X<sub>2</sub> Y<sub>2</sub> Z<sub>2</sub> X<sub>3</sub> Y<sub>3</sub> Z<sub>3</sub>
R<sub>1</sub> 497,775 78.25 84.26 21.60 0.4372 0.5609 608 472
B<sub>1</sub> 497,775 89.97 96.07 22.25 0.4319 0.4612 574 467
G<sub>1</sub> 497,572 40.37 66.9 22.21 0.3117 0.5166 541 541c
C<sub>1</sub> 380,572 49.63 70.85 76.65 0.2525 0.3409 492 600
M<sub>1</sub> 380,497 54.15 29.64 72.60 0.2508 0.2133 467 574
W<sub>1</sub> 572,497 83.28 98.21 72.60 0.3869 0.2708 541 541
M<sub>2</sub> 380,775 99.2 100.0 76.07 0.3601 0.3632 100%
N<sub>1</sub> 380,775 24.8 25.0 19.01 0.3601 0.3632 25
Z<sub>1</sub> 380,775 17.85 18.00 13.69 0.3601 0.3632 18%

Parameter: Y & Name Lichtart P45 Y<sub>w</sub>=100, Y<sub>c</sub>=25



BGN31-3A

XTZ<sub>α</sub>=100.93, 100.0, 64.68

A<sub>1</sub> = 2.5 (a<sub>1</sub> - a<sub>2</sub>) Y

B<sub>1</sub> = 2.5 B<sub>2</sub> (b<sub>2</sub> - b<sub>1</sub>) Y

a<sub>2</sub> = a<sub>20</sub> [(x - x<sub>c</sub>)/y]

b<sub>2</sub> = b<sub>20</sub> [z/y]

a<sub>20</sub> = 1, b<sub>20</sub> = -0.4

a<sub>1</sub> = 0.110, B<sub>1</sub> = 1.300

C<sub>AB2</sub>=[A<sub>1</sub><sup>2</sup>+B<sub>1</sub><sup>2</sup>]<sup>1/2</sup>

6 Ostwald-Farben (o)

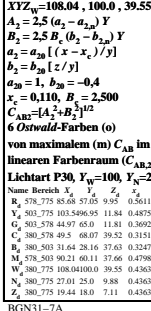
von maximalem (m) C<sub>AB</sub> im

linearen Farbraum (C<sub>AB,2</sub> Y)

Lichtart P40, Y<sub>w</sub>=100, Y<sub>c</sub>=25

Name Bereich X<sub>1</sub> Y<sub>1</sub> Z<sub>1</sub> X<sub>2</sub> Y<sub>2</sub> Z<sub>2</sub> X<sub>3</sub> Y<sub>3</sub> Z<sub>3</sub>
R<sub>1</sub> 572,775 78.32 55.82 16.27 0.519 0.7255 600 493
B<sub>1</sub> 498,775 93.2 96.53 19.27 0.4459 0.4618 576 468
G<sub>1</sub> 498,573 40.61 65.71 19.24 0.3234 0.5233 540 540c
C<sub>1</sub> 380,573 48.36 69.19 64.67 0.2654 0.3797 493 605
M<sub>1</sub> 380,498 53.08 28.58 61.66 0.2682 0.2317 468 576
W<sub>1</sub> 573,498 82.67 99.41 61.69 0.4143 0.2873 540 540
M<sub>2</sub> 380,775 103.93(100.0) 64.68 0.3799 0.3764 100%
N<sub>1</sub> 380,775 25.23 25.0 16.17 0.3799 0.3764 25
Z<sub>1</sub> 380,775 18.16 18.00 11.64 0.3799 0.3764 18%

Parameter: Y & Name Lichtart P40 Y<sub>w</sub>=100, Y<sub>c</sub>=25



BGN31-4A

XTZ<sub>α</sub>=103.66, 99.99, 52.43

A<sub>1</sub> = 2.5 (a<sub>1</sub> - a<sub>2</sub>) Y

B<sub>1</sub> = 2.5 B<sub>2</sub> (b<sub>2</sub> - b<sub>1</sub>) Y

a<sub>2</sub> = a<sub>20</sub> [(x - x<sub>c</sub>)/y]

b<sub>2</sub> = b<sub>20</sub> [z/y]

a<sub>20</sub> = 1, b<sub>20</sub> = -0.4

a<sub>1</sub> = 0.110, B<sub>1</sub> = 1.800

C<sub>AB2</sub>=[A<sub>1</sub><sup>2</sup>+B<sub>1</sub><sup>2</sup>]<sup>1/2</sup>

6 Ostwald-Farben (o)

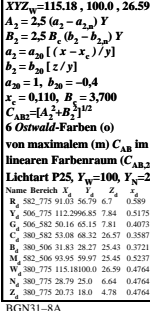
von maximalem (m) C<sub>AB</sub> im

linearen Farbraum (C<sub>AB,2</sub> Y)

Lichtart P35, Y<sub>w</sub>=100, Y<sub>c</sub>=25

Name Bereich X<sub>1</sub> Y<sub>1</sub> Z<sub>1</sub> X<sub>2</sub> Y<sub>2</sub> Z<sub>2</sub> X<sub>3</sub> Y<sub>3</sub> Z<sub>3</sub>
R<sub>1</sub> 575,775 78.39 53.63 12.49 0.4678 0.6041 578 472
B<sub>1</sub> 500,775 97.51 95.91 14.99 0.4678 0.4041 578 472
G<sub>1</sub> 500,575 41.65 67.58 14.97 0.3535 0.5292 548 548c
C<sub>1</sub> 380,575 51.32 71.69 52.41 0.2925 0.4086 496 605
M<sub>1</sub> 380,500 63.29 29.2 50.6 0.2874 0.2807 472 578
W<sub>1</sub> 575,500 82.67 97.54 50.62 0.4387 0.2858 548 548
M<sub>2</sub> 380,775 103.93(99.99) 52.43 0.4047 0.3904 100%
N<sub>1</sub> 380,775 25.91 24.99 13.1 0.4047 0.3904 25
Z<sub>1</sub> 380,775 18.66 18.00 9.43 0.4047 0.3904 18%

Parameter: Y & Name Lichtart P35 Y<sub>w</sub>=100, Y<sub>c</sub>=25



BGN31-5A

XTZ<sub>α</sub>=108.04, 100.0, 39.55

A<sub>1</sub> = 2.5 (a<sub>1</sub> - a<sub>2</sub>) Y

B<sub>1</sub> = 2.5 B<sub>2</sub> (b<sub>2</sub> - b<sub>1</sub>) Y

a<sub>2</sub> = a<sub>20</sub> [(x - x<sub>c</sub>)/y]

b<sub>2</sub> = b<sub>20</sub> [z/y]

a<sub>20</sub> = 1, b<sub>20</sub> = -0.4

a<sub>1</sub> = 0.110, B<sub>1</sub> = 2.500

C<sub>AB2</sub>=[A<sub>1</sub><sup>2</sup>+B<sub>1</sub><sup>2</sup>]<sup>1/2</sup>

6 Ostwald-Farben (o)

von maximalem (m) C<sub>AB</sub> im

linearen Farbraum (C<sub>AB,2</sub> Y)

Lichtart P30, Y<sub>w</sub>=100, Y<sub>c</sub>=25

Name Bereich X<sub>1</sub> Y<sub>1</sub> Z<sub>1</sub> X<sub>2</sub> Y<sub>2</sub> Z<sub>2</sub> X<sub>3</sub> Y<sub>3</sub> Z<sub>3</sub>
R<sub>1</sub> 578,775 85.68 57.68 9.95 0.5611 0.7364 604 478
B<sub>1</sub> 578,775 102.50(96.85) 11.84 0.4875 0.5656 580 473
G<sub>1</sub> 503,578 49.97 65.0 11.81 0.3692 0.5337 546 546c
C<sub>1</sub> 380,578 49.5 68.07 39.52 0.3151 0.4332 498 604
M<sub>1</sub> 380,503 61.64 28.16 37.63 0.2347 0.269 478 580
W<sub>1</sub> 578,500 80.11 97.66 49.64 0.4798 0.3197 546 546
M<sub>2</sub> 380,775 108.04(100.0) 39.55 0.4363 0.4038 100%
N<sub>1</sub> 380,775 27.01 25.0 9.88 0.4363 0.4038 25
Z<sub>1</sub> 380,775 19.44 18.00 7.11 0.4363 0.4038 18%

Parameter: Y & Name Lichtart P30 Y<sub>w</sub>=100, Y<sub>c</sub>=25



BGN31-6A

XTZ<sub>α</sub>=115.18, 100.0, 26.59

A<sub>1</sub> = 2.5 (a<sub>1</sub> - a<sub>2</sub>) Y

B<sub>1</sub> = 2.5 B<sub>2</sub> (b<sub>2</sub> - b<sub>1</sub>) Y

a<sub>2</sub> = a<sub>20</sub> [(x - x<sub>c</sub>)/y]

b<sub>2</sub> = b<sub>20</sub> [z/y]

a<sub>20</sub> = 1, b<sub>20</sub> = -0.4

a<sub>1</sub> = 0.110, B<sub>1</sub> = 3.700

C<sub>AB2</sub>=[A<sub>1</sub><sup>2</sup>+B<sub>1</sub><sup>2</sup>]<sup>1/2</sup>

6 Ostwald-Farben (o)

von maximalem (m) C<sub>AB</sub> im

linearen Farbraum (C<sub>AB,2</sub> Y)

Lichtart P25, Y<sub>w</sub>=100, Y<sub>c</sub>=25

Name Bereich X<sub>1</sub> Y<sub>1</sub> Z<sub>1</sub> X<sub>2</sub> Y<sub>2</sub> Z<sub>2</sub> X<sub>3</sub> Y<sub>3</sub> Z<sub>3</sub>
R<sub>1</sub> 582,775 91.03 56.79 6.7 0.589 0.805 608 482
B<sub>1</sub> 582,775 112.29(96.85) 7.84 0.5175 0.4663 587 478
G<sub>1</sub> 506,582 50.16 65.15 7.81 0.4073 0.5291 552 552c
C<sub>1</sub> 380,582 53.08 68.32 26.57 0.3587 0.4617 502 608
M<sub>1</sub> 380,506 61.83 28.27 25.4 0.3721 0.3305 478 581
W<sub>1</sub> 582,506 91.03 99.97 25.4 0.5237 0.3343 552 552
M<sub>2</sub> 380,775 115.18(100.0) 26.59 0.4764 0.4136 100%
N<sub>1</sub> 380,775 28.79 25.0 6.64 0.4764 0.4136 25
Z<sub>1</sub> 380,775 20.73 18.00 4.78 0.4764 0.4136 18%

Parameter: Y & Name Lichtart P25 Y<sub>w</sub>=100, Y<sub>c</sub>=25



BGN31-7A

BGN31-7A

BGN31-8A

BGN31-8A