

http://farbe.li.tu-berlin.de/AEO3/AEO3L0NP.PDF /.PS; only vector graphic VG; start output  
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 1/1

Ostwald data  $rgb^*$ , XYZ, and  $L^*ABCh_{AB}$  in  $L^*ABJND$ -colour space

Tristimulus values of black and white:  $Y_N=0,0$ ,  $Y_W=88,6$

|          | $rgb^*$ | CIEXYZ data                     | $L^*ABCh_{AB}$ data                       |
|----------|---------|---------------------------------|-------------------------------------------|
|          |         | $X_d$ $Y_d$ $Z_d$ $x_d$ $y_d$   | $L_d^*$ $A_d$ $B_d$ $C_{AB,d}$ $h_{AB,d}$ |
| $R_d$    | 1.00    | 55,28 36,99 0,67 0,594 0,397    | 67,26 52,93 36,37 64,22 34                |
| $Y_d$    | 1.10    | 67,93 72,65 1,12 0,479 0,512    | 88,28 -2,93 71,61 71,67 92                |
| $G_d$    | 0.10    | 21,11 57,87 13,29 0,228 0,627   | 80,66 -89,15 45,66 100,16 152             |
| $C_d$    | 0.11    | 28,91 51,60 95,79 0,163 0,292   | 77,04 -52,96 -36,36 64,24 214             |
| $B_d$    | 0.01    | 16,26 15,93 95,34 0,127 0,124   | 46,89 2,93 -71,61 71,67 272               |
| $M_d$    | 1.01    | 63,08 30,71 83,17 0,356 0,173   | 62,26 89,12 -45,66 100,14 332             |
| $N_d$    | 0.00    | 0,00 0,00 0,00 0,333 0,333      | 0,08 0,00 0,00 0,00 0                     |
| $W_d$    | 1.11    | 84,21 88,60 96,48 0,312 0,329   | 95,41 0,00 0,00 0,00 0                    |
| $N_{1d}$ | 0.00    | 0,00 0,00 0,00 0,333 0,333      | 0,08 0,00 0,00 0,00 0                     |
| $W_{1d}$ | 1.13    | 95,05 100,01 108,30 0,313 0,329 | 100,00 -0,00 0,55 0,55 90                 |
| $Z_{1d}$ | 0.18    | 17,10 17,99 19,49 0,313 0,329   | 49,48 0,01 0,09 0,09 82                   |

AEO30-1N

Ostwald data  $rgb^*$ , XYZ, and  $L^*ABCh_{AB}$  in  $L^*ABJND$ -colour space

Tristimulus values of black and white:  $Y_N=0,0$ ,  $Y_W=88,6$

|       | $rgb^*$ | CIEXYZ data                   | $L^*ABCh_{AB}$ data                       |
|-------|---------|-------------------------------|-------------------------------------------|
|       |         | $X_d$ $Y_d$ $Z_d$ $x_d$ $y_d$ | $L_d^*$ $A_d$ $B_d$ $C_{AB,d}$ $h_{AB,d}$ |
| $R_d$ | 1.00    | 67 52 36 64 34                |                                           |
| $Y_d$ | 1.10    | 88 -2 71 71 92                |                                           |
| $G_d$ | 0.10    | 80 -89 45 100 152             |                                           |
| $C_d$ | 0.11    | 77 -52 -36 64 214             |                                           |
| $B_d$ | 0.01    | 46 2 -71 71 272               |                                           |
| $M_d$ | 1.01    | 62 89 -45 100 332             |                                           |
| $N_d$ | 0.00    | 0 0 0 0 0                     |                                           |
| $W_d$ | 1.11    | 95 0 0 0 0                    |                                           |

AEO30-2N

Ostwald data  $rgb^*$ , XYZ, and  $L^*ABCh_{AB}$  in  $L^*ABJND$ -colour space

Tristimulus values of black and white:  $Y_N=12,4$ ,  $Y_W=39,7$ ,  $Y_{Za}=18$

|          | $rgb^*$ | CIEXYZ data                   | $L^*ABCh_{AB}$ data                       |
|----------|---------|-------------------------------|-------------------------------------------|
|          |         | $X_d$ $Y_d$ $Z_d$ $x_d$ $y_d$ | $L_d^*$ $A_d$ $B_d$ $C_{AB,d}$ $h_{AB,d}$ |
| $R_d$    | 1.00    | 28,89 23,86 13,75 0,594 0,397 | 55,94 16,34 11,22 19,82 34                |
| $Y_d$    | 1.10    | 32,79 34,86 13,89 0,479 0,512 | 65,64 -0,90 22,10 22,12 92                |
| $G_d$    | 0.10    | 18,34 30,30 17,65 0,228 0,627 | 61,91 -27,51 14,09 30,91 152              |
| $C_d$    | 0.11    | 20,75 28,37 43,12 0,163 0,292 | 60,22 -16,34 -11,22 19,82 214             |
| $B_d$    | 0.01    | 16,84 17,36 42,98 0,127 0,124 | 48,71 0,90 -22,10 22,12 272               |
| $M_d$    | 1.01    | 31,29 21,92 39,22 0,356 0,173 | 53,94 27,51 -14,09 30,91 332              |
| $N_d$    | 0.00    | 11,83 12,44 13,55 0,333 0,333 | 41,91 -0,00 0,00 0,00 0                   |
| $W_d$    | 1.11    | 37,82 39,79 43,33 0,312 0,329 | 69,31 0,00 -0,00 0,00 0                   |
| $N_{1d}$ | 0.00    | 11,83 12,44 13,55 0,333 0,333 | 41,91 -0,00 0,00 0,00 0                   |
| $W_{1d}$ | 1.13    | 41,16 43,31 46,98 0,313 0,329 | 71,76 0,00 0,16 0,16 88                   |
| $Z_{1d}$ | 0.18    | 17,10 17,99 19,56 0,313 0,329 | 49,49 0,00 0,02 0,02 0                    |

AEO31-1N

Ostwald data  $rgb^*$ , XYZ, and  $L^*ABCh_{AB}$  in  $L^*ABJND$ -colour space

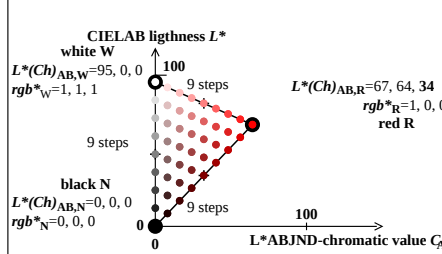
Tristimulus values of black and white:  $Y_N=12,4$ ,  $Y_W=39,7$ ,  $Y_{Za}=18$

|       | $rgb^*$ | CIEXYZ data                   | $L^*ABCh_{AB}$ data                       |
|-------|---------|-------------------------------|-------------------------------------------|
|       |         | $X_d$ $Y_d$ $Z_d$ $x_d$ $y_d$ | $L_d^*$ $A_d$ $B_d$ $C_{AB,d}$ $h_{AB,d}$ |
| $R_d$ | 1.00    | 55 55 16 11 34                |                                           |
| $Y_d$ | 1.10    | 65 65 0 22 92                 |                                           |
| $G_d$ | 0.10    | 61 61 -27 14 30 152           |                                           |
| $C_d$ | 0.11    | 60 60 -16 -11 19 214          |                                           |
| $B_d$ | 0.01    | 48 0 -22 22 272               |                                           |
| $M_d$ | 1.01    | 53 27 -14 30 332              |                                           |
| $N_d$ | 0.00    | 41 0 0 0 0                    |                                           |
| $W_d$ | 1.11    | 69 0 0 0 0                    |                                           |

AEO31-2N

Ostwald colours (9 steps) with  $L^*(Ch)_{AB}$  in  $L^*ABJND$ -colour space

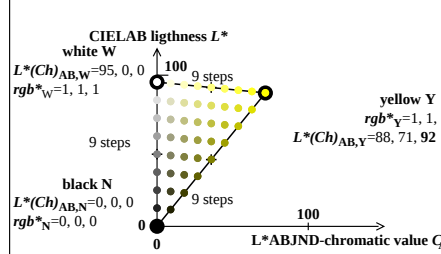
Tristimulus values of black and white:  $Y_N=0,0$ ,  $Y_W=88,6$



AEO30-3N

Ostwald colours (9 steps) with  $L^*(Ch)_{AB}$  in  $L^*ABJND$ -colour space

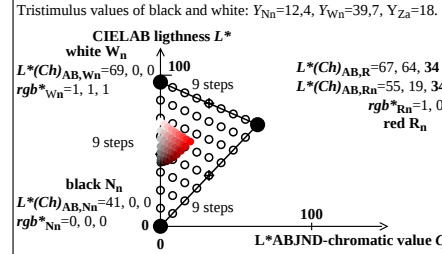
Tristimulus values of black and white:  $Y_N=0,0$ ,  $Y_W=88,6$



AEO30-4N

Ostwald colours (9 steps) with  $L^*(Ch)_{AB}$  in  $L^*ABJND$ -colour space

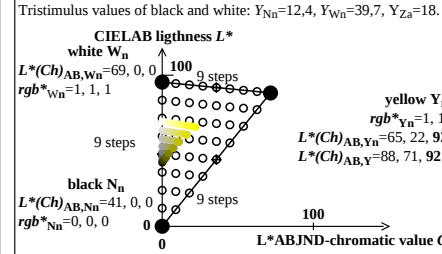
Tristimulus values of black and white:  $Y_N=0,0$ ,  $Y_W=88,6$



AEO31-3N

Ostwald colours (9 steps) with  $L^*(Ch)_{AB}$  in  $L^*ABJND$ -colour space

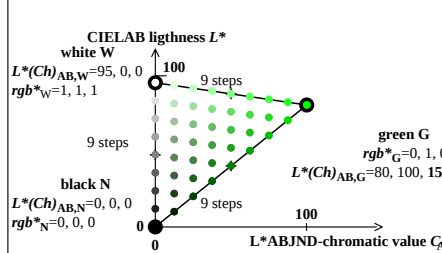
Tristimulus values of black and white:  $Y_N=12,4$ ,  $Y_W=39,7$ ,  $Y_{Za}=18$



AEO31-4N

Ostwald colours (9 steps) with  $L^*(Ch)_{AB}$  in  $L^*ABJND$ -colour space

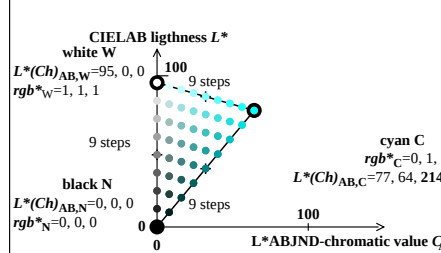
Tristimulus values of black and white:  $Y_N=0,0$ ,  $Y_W=88,6$



AEO30-5N

Ostwald colours (9 steps) with  $L^*(Ch)_{AB}$  in  $L^*ABJND$ -colour space

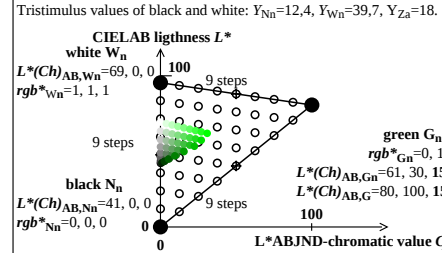
Tristimulus values of black and white:  $Y_N=0,0$ ,  $Y_W=88,6$



AEO30-6N

Ostwald colours (9 steps) with  $L^*(Ch)_{AB}$  in  $L^*ABJND$ -colour space

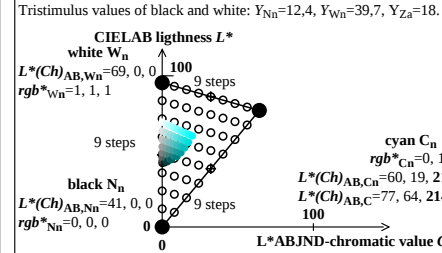
Tristimulus values of black and white:  $Y_N=0,0$ ,  $Y_W=88,6$



AEO31-5N

Ostwald colours (9 steps) with  $L^*(Ch)_{AB}$  in  $L^*ABJND$ -colour space

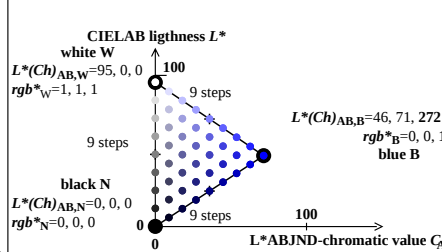
Tristimulus values of black and white:  $Y_N=12,4$ ,  $Y_W=39,7$ ,  $Y_{Za}=18$



AEO31-6N

Ostwald colours (9 steps) with  $L^*(Ch)_{AB}$  in  $L^*ABJND$ -colour space

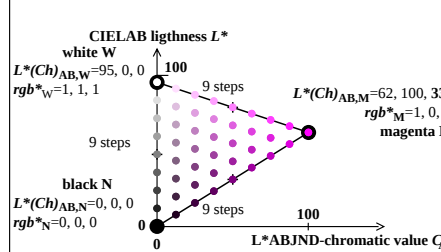
Tristimulus values of black and white:  $Y_N=0,0$ ,  $Y_W=88,6$



AEO30-7N

Ostwald colours (9 steps) with  $L^*(Ch)_{AB}$  in  $L^*ABJND$ -colour space

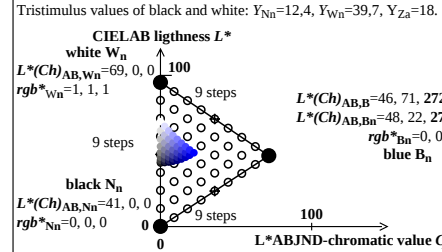
Tristimulus values of black and white:  $Y_N=0,0$ ,  $Y_W=88,6$



AEO30-8N

Ostwald colours (9 steps) with  $L^*(Ch)_{AB}$  in  $L^*ABJND$ -colour space

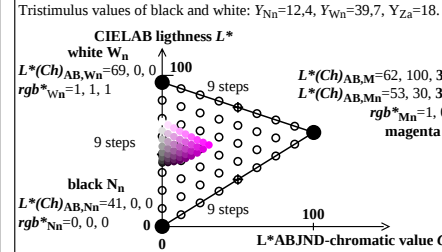
Tristimulus values of black and white:  $Y_N=0,0$ ,  $Y_W=88,6$



AEO31-7N

Ostwald colours (9 steps) with  $L^*(Ch)_{AB}$  in  $L^*ABJND$ -colour space

Tristimulus values of black and white:  $Y_N=12,4$ ,  $Y_W=39,7$ ,  $Y_{Za}=18$



AEO31-8N

TUB-test chart AEO3; Affine colour metric for six device hues  
Ostwald data  $rgb^*$ , XYZ, and  $L^*(Ch)_{AB}$ , reflection  $Y_N=0$  &  $Y_{Nn}=2,52$ ,  $Y_W=88,6$ , adaptation  $Y_{Za}=18$ .  
input:  $rgb/cmy0$  (No 1MR)

TUB registration: 20201101-AEO3/AEO3L0NP.PDF /.PS  
application for evaluation and measurement of display or print output  
TUB material: code=rh4ta