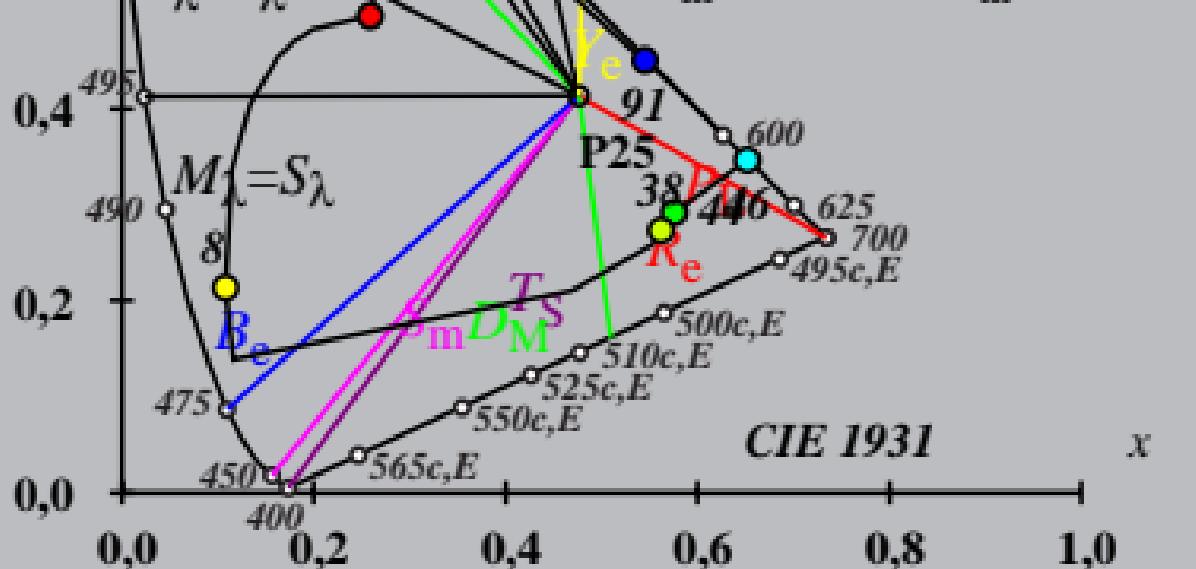


Ostwald colours  $O_C$ ,  $Y_W=100$   
 max (m) chromatic value, P25  
 chromaticity ( $x, y$ )

Name and spectral range

$R_m$	561_770	$Y_m$	520_770
$G_m$	475_573	$C_m$	380_561
$B_m$	380_520	$M_m$	573_475



$X_w=115,18$ ,  $Y_w=100,00$ ,  $Z_w=26,59$

$x_w=0,4764$   $y_w=0,4136$

$A_0=(a_0-[a_{0,n}+a_{0,Y}+a_{0,A}]) Y$

$B_0=(b_0-[b_{0,n}+b_{0,Y}+b_{0,A}]) Y$

$a_0 = a_{20}$  [x/y]

$b_0 = b_{20}$  [z/y]

$a_{20} = 1$ ,  $b_{20} = -0,4$

$n = P25$

$a_{0,Y}=a_{2Y}(Y/Y_{18}-1)$

$b_{0,Y}=b_{2Y}(Y/Y_{18}-1)$

$a_{2Y}=0,000$ ,  $b_{2Y}=0,000$

$a_{0,A}=0,000$ ,  $b_{0,A}=0,000$

Ostwald colours  $O_C$   $Y_W=100$

max (m) chromatic value, P25

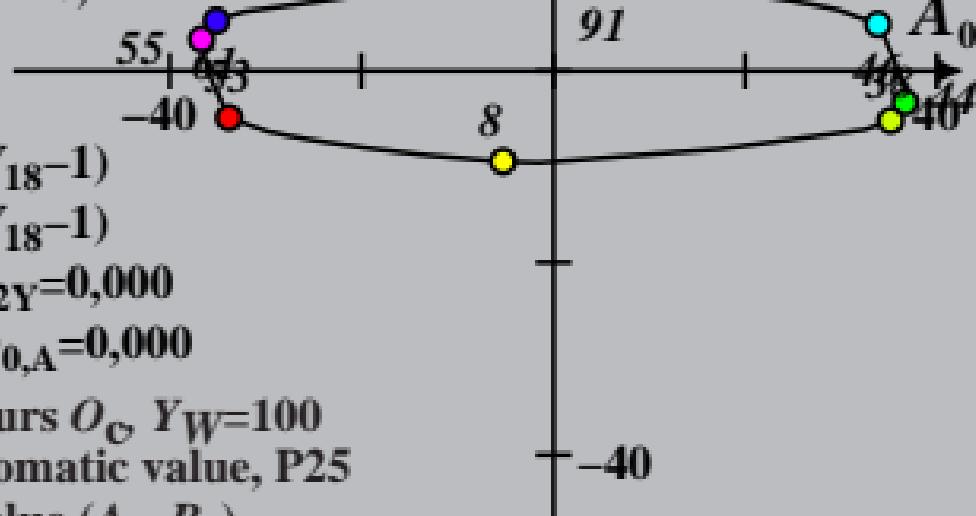
chromatic value ( $A_0$ ,  $B_0$ )

$B_0$

40

91

-40



$X_w=115,18$ ,  $Y_w=100,00$ ,  $Z_w=26,59$

$x_w=0,4764$   $y_w=0,4136$

$A_1=(a_1-[a_{1,n}+a_{1,Y}+a_{1,A}]) Y$

$B_1=(b_1-[b_{1,n}+b_{1,Y}+b_{1,A}]) Y$

$a_1 = a_{20} [(x-0,171)/y]$

$b_1 = b_{20} [z/y]$

$a_{20} = 1$ ,  $b_{20} = -0,4$

$m_{T1}=1,000$ ,  $b_{T1}=0,17155$

$n = P25$

$a_{1,Y}=a_{2Y}(Y/Y_{18}-1)$

$b_{1,Y}=b_{2Y}(Y/Y_{18}-1)$

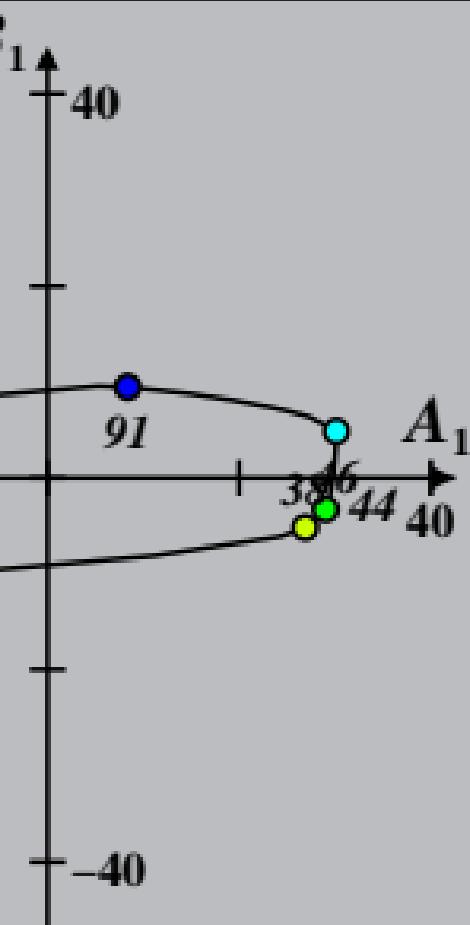
$a_{2Y}=0,000$ ,  $b_{2Y}=0,000$

$a_{1,A}=0,000$ ,  $b_{1,A}=0,000$

*Ostwald colours*  $O_C$   $Y_W=100$

max (m) chromatic value, P25

chromatic value ( $A_1$ ,  $B_1$ )



$$X_w=115,18, Y_w=100,00, Z_w=26,59$$

$$x_w=0,4764 y_w=0,4136$$

$$A_2 = (a_2 - [a_{2,n} + a_{2,Y} + a_{2,A}]) Y$$

$$B_2 = (b_2 - [b_{2,n} + b_{2,Y} + b_{2,A}]) Y$$

$$a_2 = a_{20} [(x - 0,171)/y]$$

$$b_2 = b_{20} [(m_{P1}x + b_{P1})/y]$$

$$a_{20} = 1, b_{20} = -0,4$$

$$m_{P1} = -0,169, b_{P1} = 0,5589$$

$$n = P25$$

$$a_{2,Y} = a_{2Y}(Y/Y_{18} - 1)$$

$$b_{2,Y} = b_{2Y}(Y/Y_{18} - 1)$$

$$a_{2Y} = 0,000, b_{2Y} = 0,000$$

$$a_{2,A} = 0,000, b_{2,A} = 0,000$$

Ostwald colours  $O_C$   $Y_W=100$

max (m) chromatic value, P25

chromatic value ( $A_2, B_2$ )

$B_2$

40

-40

$A_2$

40  
48  
46  
40

-40

$X_w=115,18$ ,  $Y_w=100,00$ ,  $Z_w=26,59$

$x_w=0,4764$   $y_w=0,4136$

$A_3=(a_{3,n}+a_{3,Y}+a_{3,A}) Y$

$B_3=(b_{3,n}+b_{3,Y}+b_{3,A}) Y$

$a_3 = a_{20} [(x-0,171)/y]$

$b_3 = b_{20} [(m_{D1}x+b_{D1})/y]$

$a_{20} = 1$ ,  $b_{20} = -0,4$

$m_{D1}=-0,974$ ,  $b_{D1}=0,658$

$n = P25$

$a_{3,Y}=a_{2Y}(Y/Y_{18}-1)$

$b_{3,Y}=b_{2Y}(Y/Y_{18}-1)$

$a_{2Y}=0,000$ ,  $b_{2Y}=0,000$

$a_{3,A}=0,000$ ,  $b_{3,A}=0,000$

*Ostwald colours*  $O_C$   $Y_W=100$

max (m) chromatic value, P25

chromatic value ( $A_3$ ,  $B_3$ )

$B_3$

+ 40

-40

555

61

8

91

38

644

40

-40

+ -40

$X_w=115,18$ ,  $Y_w=100,00$ ,  $Z_w=26,59$

$x_w=0,4764$   $y_w=0,4136$

$A_4=(a_{4,n}+a_{4,Y}+a_{4,A}) Y$

$B_4=(b_{4,n}+b_{4,Y}+b_{4,A}) Y$

$a_4 = a_{20} [(x-0,171)/y]$

$b_4 = b_{20} [(m_{P1}x+b_{P1})/y]$

$a_{20} = 1$ ,  $b_{20} = -0,4$

$m_{P1}=-0,169$ ,  $b_{P1}=0,38955$

$n = P25$

$a_{4,Y}=a_{2Y}(Y/Y_{18}-1)$

$b_{4,Y}=b_{2Y}(Y/Y_{18}-1)$

$a_{2Y}=0,000$ ,  $b_{2Y}=0,000$

$a_{4,A}=0,000$ ,  $b_{4,A}=0,000$

Ostwald colours  $O_C$   $Y_W=100$

max (m) chromatic value, P25

chromatic value ( $A_4$ ,  $B_4$ )

$B_4$

40

-40

$A_4$

-40

$X_w=115,18$ ,  $Y_w=100,00$ ,  $Z_w=26,59$

$x_w=0,4764$   $y_w=0,4136$

$A_5=(a_{5,n}+a_{5,Y}+a_{5,A}) Y$

$B_5=(b_{5,n}+b_{5,Y}+b_{5,A}) Y$

$a_5=a_{2x}[(+8,61x-7,19y-0,26)/y]$

$b_5=b_{2x}[(+1,99x+3,86y-2,40)/y]$

$a_{2x}=0,10$ ,  $b_{2x}=0,10$

$\lambda_{B,G,Y,R}=475,503,574,594,594$  nm

$n = P25$

$a_{5,Y}=a_{2Y}(Y/Y_{18}-1)$

$b_{5,Y}=b_{2Y}(Y/Y_{18}-1)$

$a_{2Y}=0,000$ ,  $b_{2Y}=0,000$

$a_{5,A}=0,000$ ,  $b_{5,A}=0,000$

Ostwald colours  $O_C$   $Y_W=100$

max (m) chromatic value, P25

chromatic value ( $A_5, B_5$ )

$B_5$

+ 40

$A_5$

- 91

- 44

- 40

8

33

- 40



$X_w=115,18$ ,  $Y_w=100,00$ ,  $Z_w=26,59$

$x_w=0,4764$   $y_w=0,4136$

$A_6=(a_{6,n}+a_{6,Y}+a_{6,A}) Y$

$B_6=(b_{6,n}+b_{6,Y}+b_{6,A}) Y$

$a_6 = a_{20}$  [x/y]

$b_6=b_{20} [(m_{D1}x+b_{D1})/y]$

$a_{20} = 1$ ,  $b_{20} = -0,4$

$m_{D1}=-0,974$ ,  $b_{D1}=0,658$

$n = P25$

$a_{6,Y}=a_{2Y}(Y/Y_{18}-1)$

$b_{6,Y}=b_{2Y}(Y/Y_{18}-1)$

$a_{2Y}=0,000$ ,  $b_{2Y}=0,000$

$a_{6,A}=0,000$ ,  $b_{6,A}=0,000$

Ostwald colours  $O_C$   $Y_W=100$

max (m) chromatic value, P25

chromatic value ( $A_6$ ,  $B_6$ )

$B_6$

40

91

40

-40

55  
63

8

32  
39

55  
63

32  
39

55  
63

32  
39