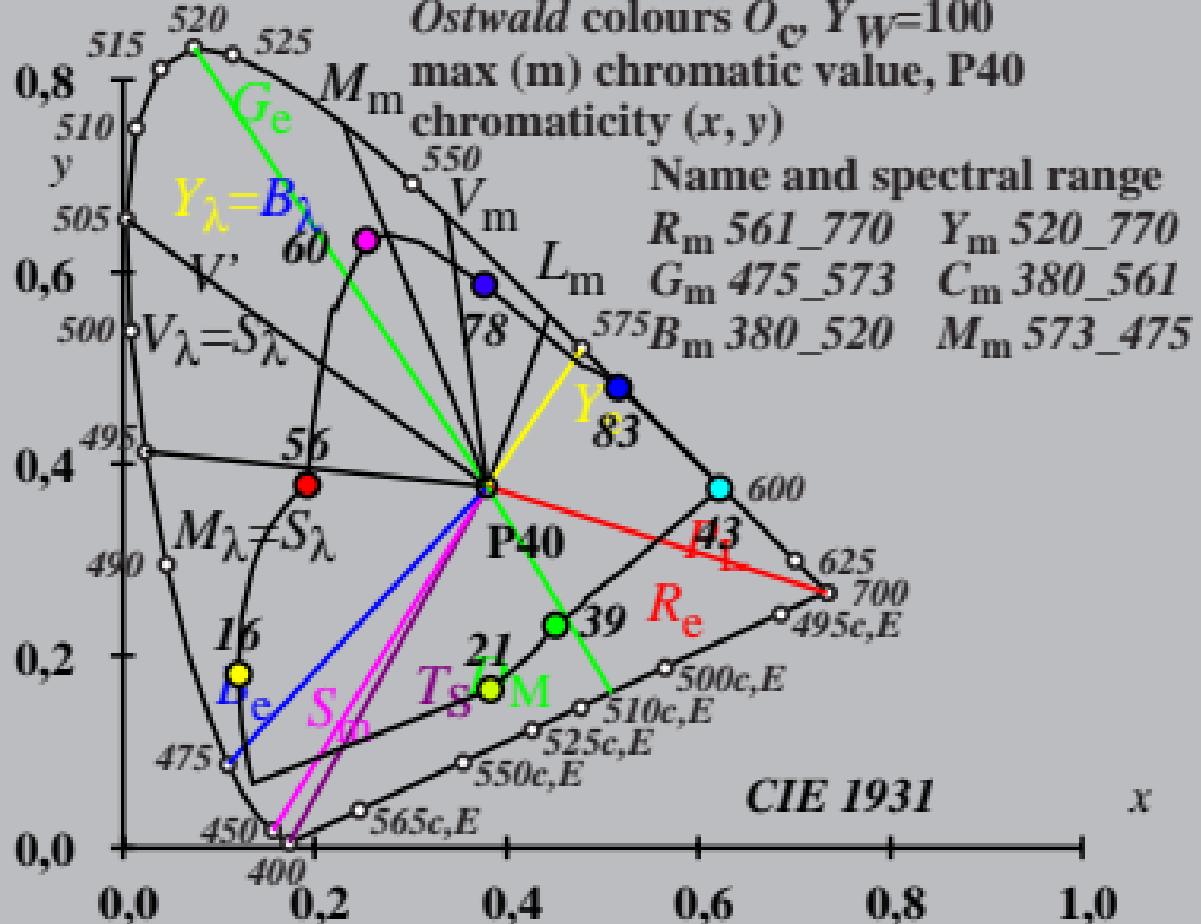


Ostwald colours O_C , $Y_W=100$
 max (m) chromatic value, P40
 chromaticity (x, y)

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



$X_w=100,93, Y_w=100,00, Z_w=64,68$

$x_w=0,3799 y_w=0,3764$

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

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

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

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

$a_{20} = 1, b_{20} = -0,460$

$n = P40$

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

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

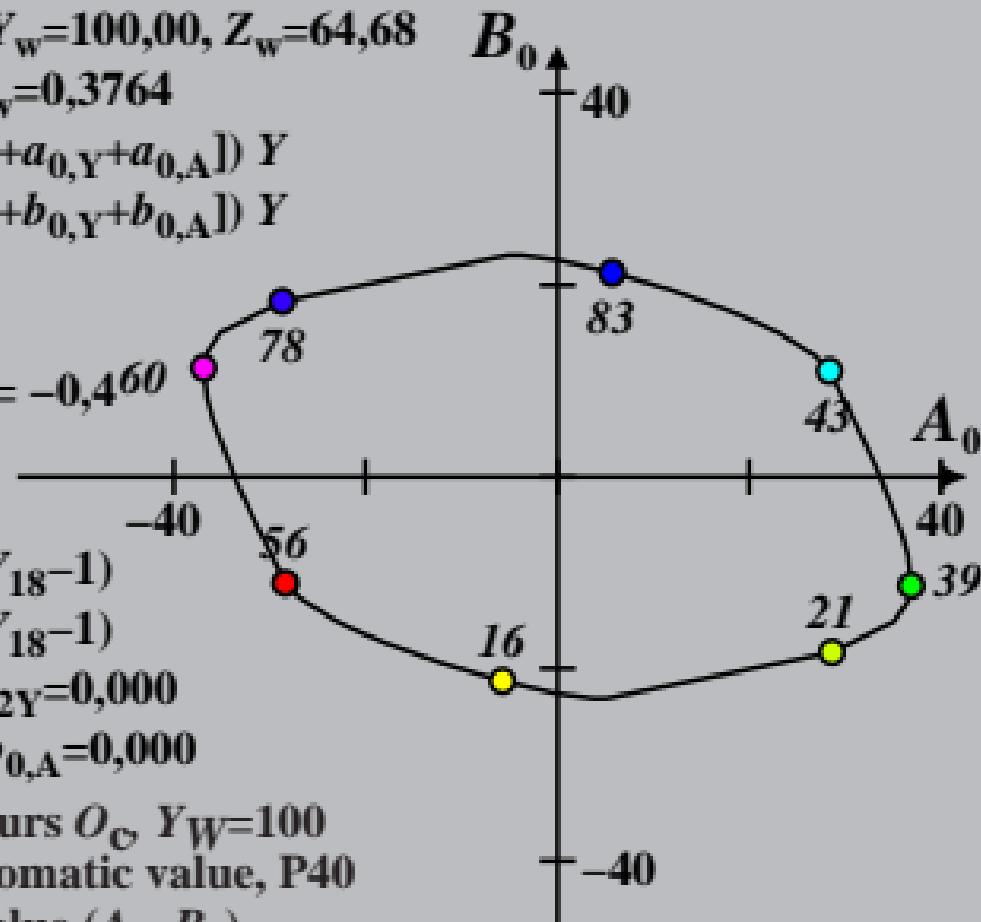
$a_{2Y}=0,000, b_{2Y}=0,000$

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

Ostwald colours O_C $Y_W=100$

max (m) chromatic value, P40

chromatic value (A_0, B_0)



$X_w=100,93, Y_w=100,00, Z_w=64,68$

$x_w=0,3799 y_w=0,3764$

$A_1=(a_{1,n}+a_{1,Y}+a_{1,A}) Y$

$B_1=(b_{1,n}+b_{1,Y}+b_{1,A}) Y$

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

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

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

$m_{T1}=1,000, b_{T1}=0,171$

$n = P40$

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

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

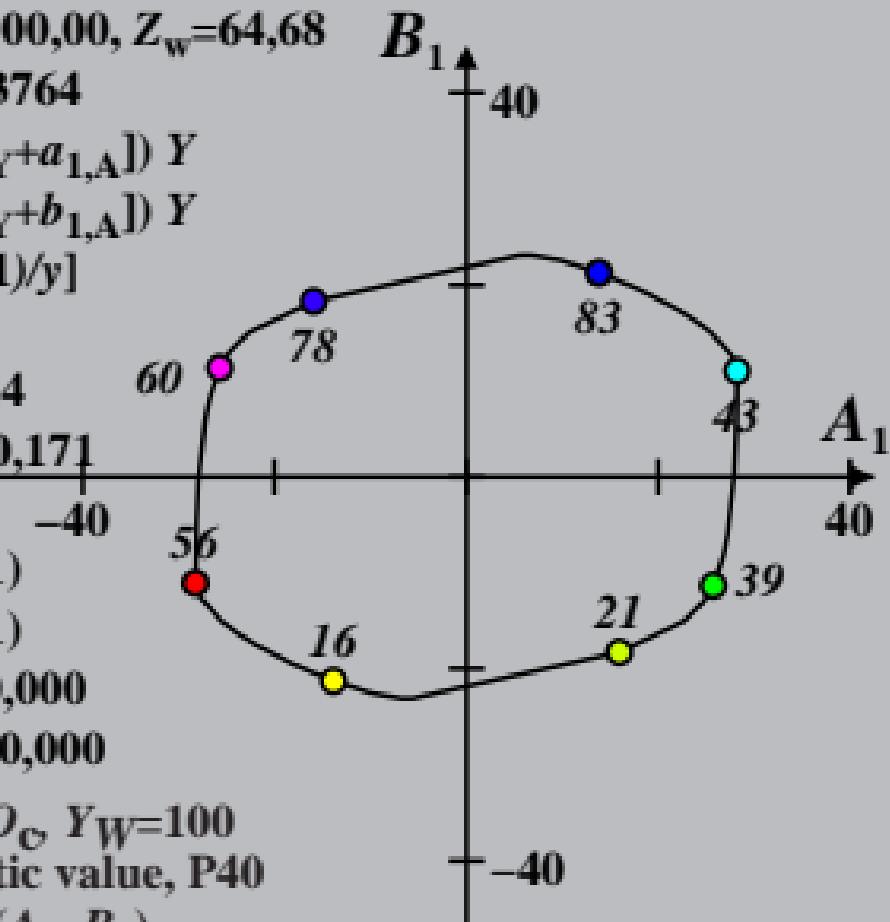
$a_{2Y}=0,000, b_{2Y}=0,000$

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

Ostwald colours O_C $Y_W=100$

max (m) chromatic value, P40

chromatic value (A_1, B_1)



$X_w=100,93, Y_w=100,00, Z_w=64,68$

$x_w=0,3799 y_w=0,3764$

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

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

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

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

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

$m_{P1}=-0,169, b_{P1}=0,389$

$n = P40$

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

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

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

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

Ostwald colours O_C $Y_W=100$

max (m) chromatic value, P40

chromatic value (A_2, B_2)

B_2

\uparrow

40

A_2



83

41

40

16

-40

-40

$$X_w=100,93, Y_w=100,00, Z_w=64,68$$

$$x_w=0,3799 y_w=0,3764$$

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

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

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

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

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

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

$$n = P40$$

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

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

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

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

Ostwald colours O_C $Y_W=100$

max (m) chromatic value, P40

chromatic value (A_3, B_3)

B_3

40

A_3

40

-40

-40

60

78

56

16

83

21

43

39

+

+

$$X_w=100,93, Y_w=100,00, Z_w=64,68$$

$$x_w=0,3799 y_w=0,3764$$

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

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

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

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

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

$$m_{P1} = -0,169, b_{P1} = 0,389$$

$$n = P40$$

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

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

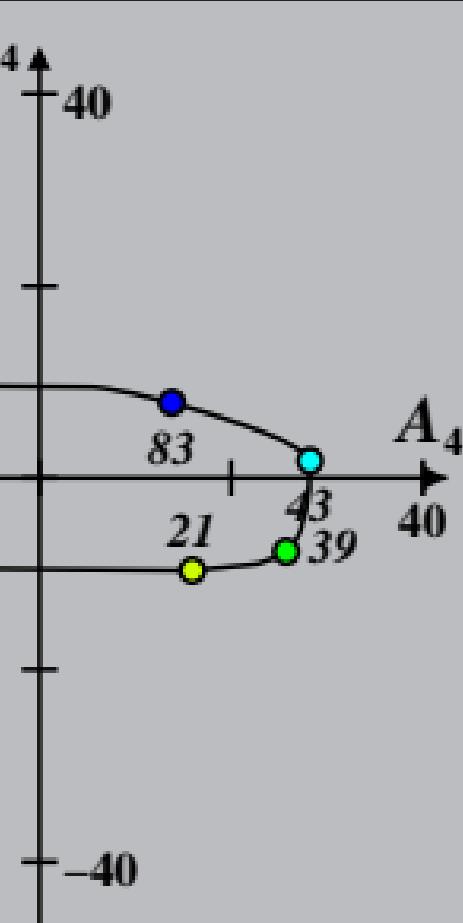
$$a_{2Y} = 0,000, b_{2Y} = 0,000$$

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

Ostwald colours O_C $Y_W=100$

max (m) chromatic value, P40

chromatic value (A_4, B_4)



$X_w=100,93, Y_w=100,00, Z_w=64,68$

$x_w=0,3799 y_w=0,3764$

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

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

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

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

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

$\lambda_{B,G,Y,R}=475,503,574,494\text{ nm}$

$n = \text{P40}$

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

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

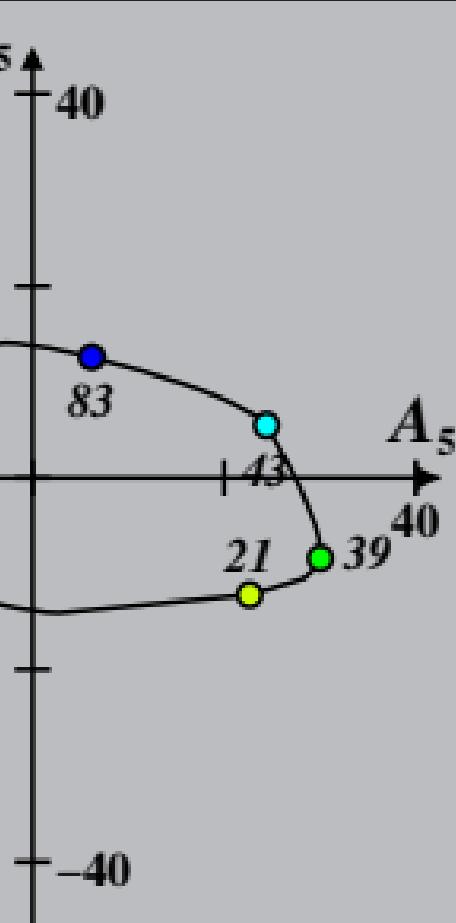
$a_{2Y}=0,000, b_{2Y}=0,000$

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

Ostwald colours O_C $Y_W=100$

max (m) chromatic value, P40

chromatic value (A_5, B_5)



$$X_w=100,93, Y_w=100,00, Z_w=64,68$$

$$x_w=0,3799 y_w=0,3764$$

$$A_6 = (a_6 - [a_{6,n} + a_{6,Y} + a_{6,A}]) Y$$

$$B_6 = (b_6 - [b_{6,n} + b_{6,Y} + b_{6,A}]) Y$$

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

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

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

$$m_{D1} = -0,974, b_{D1} = 0,65$$

$$n = P40$$

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

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

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

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

Ostwald colours O_C $Y_W=100$

max (m) chromatic value, P40

chromatic value (A_6, B_6)

