

Ostwald colours (o), $Y_W=100$

max (m) chromatic value, P40

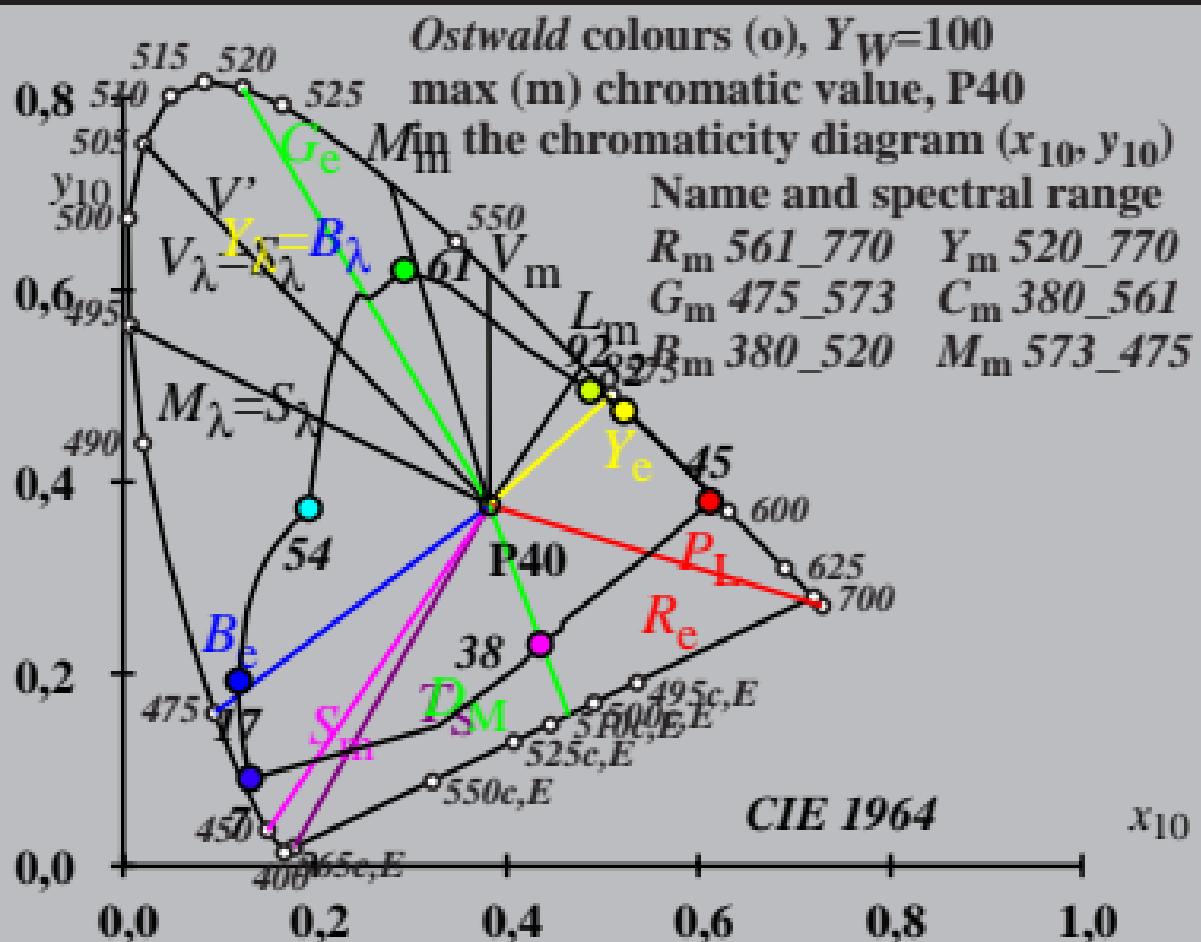
M_{III} the chromaticity diagram (x_{10}, y_{10})

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



$X_w=101,75$, $Y_w=100,00$, $Z_w=64,44$

$x_w=0,3822$ $y_w=0,3756$

$$A_0 = (a_0 - a_{0,n}) Y$$

$$B_0 = (b_0 - b_{0,n}) Y$$

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

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

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

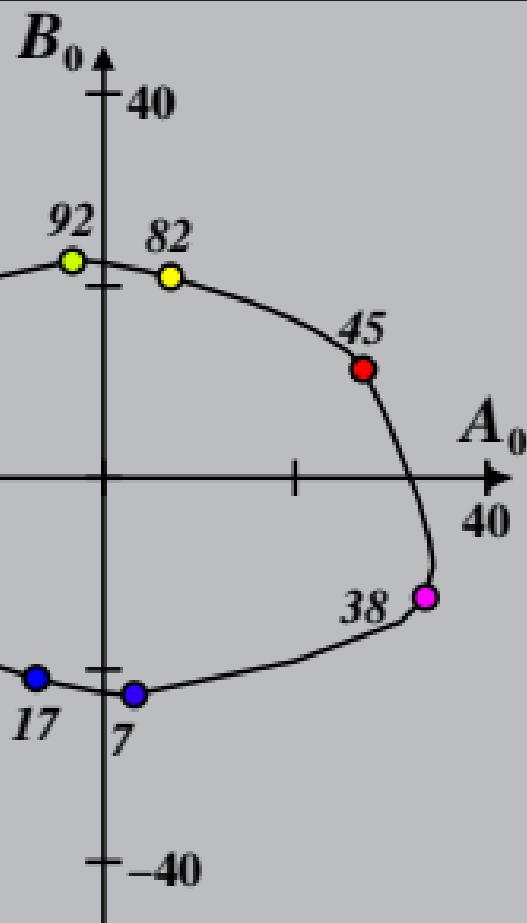
$n = P40$

Name and spectral range

$R_m\ 561_770$ $Y_m\ 520_770$ 54

$G_m\ 475_573$ $C_m\ 380_561$

$B_m\ 380_520$ $M_m\ 573_475$



Ostwald colours (o), $Y_W=100$

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chromaticity diagram ($a_{0,10}$, $b_{0,10}$)

$X_w=101,75$, $Y_w=100,00$, $Z_w=64,44$

$x_w=0,3822$ $y_w=0,3756$

$A_1 = (a_1 - a_{1,n}) Y$

$B_1 = (b_1 - b_{1,n}) Y$

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

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

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

$m_T = 1,000$, $b_U = 0,171$

$n = P40$

Name and spectral range

$R_m\ 561_770$ $Y_m\ 520_770$

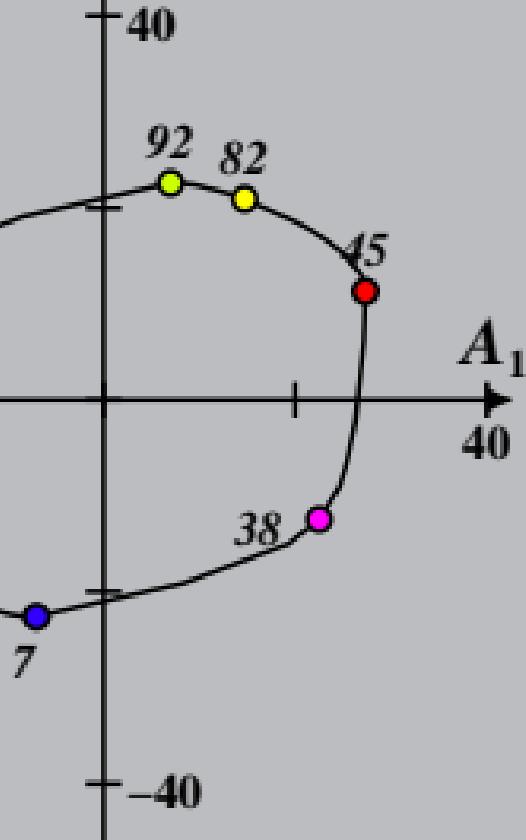
$G_m\ 475_573$ $C_m\ 380_561$

$B_m\ 380_520$ $M_m\ 573_475$

B_1

\uparrow

40



-40

*Ostwald colours (o), $Y_W=100$
max (m) chromatic value, P40
chromaticity diagram ($a_{1,10}$, $b_{1,10}$)*

$X_w=101,75$, $Y_w=100,00$, $Z_w=64,44$

$x_w=0,3822$ $y_w=0,3756$

$$A_2 = (a_2 - a_{2,n}) Y$$

$$B_2 = (b_2 - b_{2,n}) Y$$

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

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

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

$$m_{P1} = -0,157, \quad b_{P1} = 0,385$$

$n = P40$

Name and spectral range

$R_m\ 561_770$ $Y_m\ 520_770$

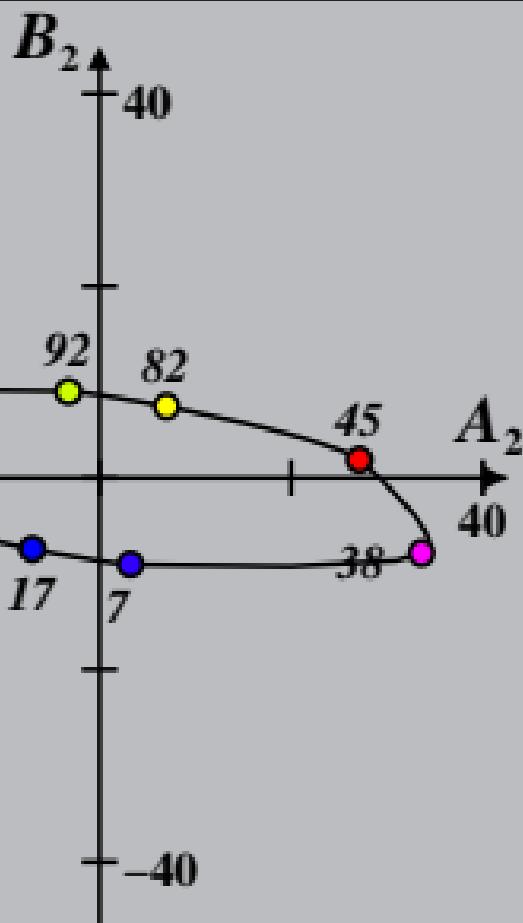
$G_m\ 475_573$ $C_m\ 380_561$

$B_m\ 380_520$ $M_m\ 573_475$

Ostwald colours (o), $Y_W=100$

max (m) chromatic value, P40

chromaticity diagram ($a_{2,10}$, $b_{2,10}$)



$X_w=101,75$, $Y_w=100,00$, $Z_w=64,44$

$x_w=0,3822$ $y_w=0,3756$

$A_3 = (a_3 - a_{3,n}) Y$

$B_3 = (b_3 - b_{3,n}) Y$

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

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

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

$m_{D1} = -1,344$, $b_{D1} = 0,781$

$n = P40$

-40

A_3

40

Name and spectral range

$R_m\ 561_770$ $Y_m\ 520_770$

$G_m\ 475_573$ $C_m\ 380_56154$

$B_m\ 380_520$ $M_m\ 573_475$

Ostwald colours (o), $Y_W=100$

max (m) chromatic value, P40

chromaticity diagram ($a_{3,10}$, $b_{3,10}$)

B_3

40

92

82

45

61

38

17

7

-40

$X_w=101,75$, $Y_w=100,00$, $Z_w=64,44$

$x_w=0,3822$ $y_w=0,3756$

$$A_4 = (a_4 - a_{4,n}) Y$$

$$B_4 = (b_4 - b_{4,n}) Y$$

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

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

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

$$m_{P1} = -0,157, \quad b_{P1} = 0,385$$

$n = P40$

Name and spectral range

$R_m\ 561_770$ $Y_m\ 520_770$

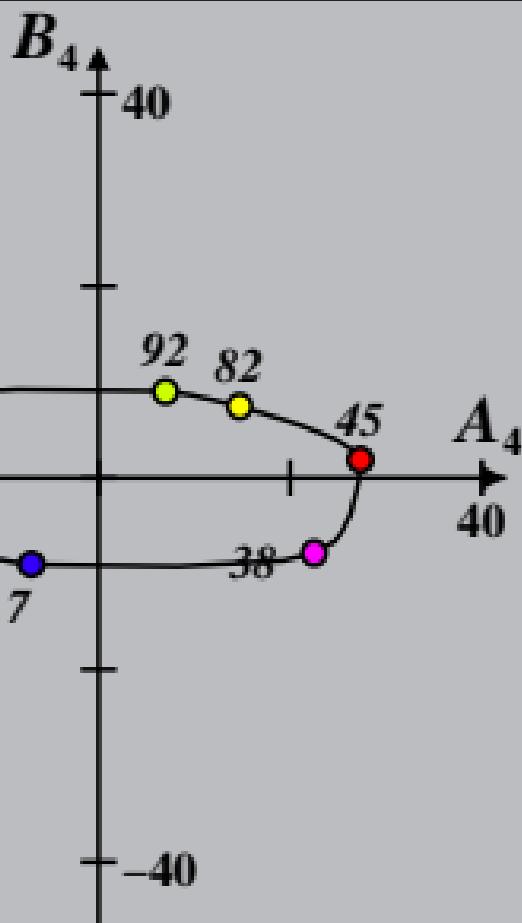
$G_m\ 475_573$ $C_m\ 380_561$

$B_m\ 380_520$ $M_m\ 573_475$

Ostwald colours (o), $Y_W=100$

max (m) chromatic value, P40

chromaticity diagram ($a_{4,10}$, $b_{4,10}$)



$X_w=101,75$, $Y_w=100,00$, $Z_w=64,44$

$x_w=0,3822$ $y_w=0,3756$

$A_5 = (a_5 - a_{5,n}) Y$

$B_5 = (b_5 - b_{5,n}) Y$

$a_5 = a_{20} [(x-0,171)/y]$

$b_5 = b_{20} [(m_{D1}x+b_{D1})/y]$

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

$m_{D1} = -1,344$, $b_{D1} = 0,781$

$n = P40$

-40

A_5

40

Name and spectral range

$R_m\ 561_770$ $Y_m\ 520_770$

$G_m\ 475_573$ $C_m\ 380_56154$

$B_m\ 380_520$ $M_m\ 573_475$

Ostwald colours (o), $Y_W=100$

max (m) chromatic value, P40

chromaticity diagram ($a_{5,10}$, $b_{5,10}$)

B_5

40

92

82

45

61

38

17

7

-40

$X_w=101,75$, $Y_w=100,00$, $Z_w=64,44$

$x_w=0,3822$ $y_w=0,3756$

$A_6 = (a_6 - a_{6,n}) Y$

$B_6 = (b_6 - b_{6,n}) Y$

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

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

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

$m_{D1} = -1,344$, $b_{D1} = 0,781$

$n = P40$

Name and spectral range

$R_m\ 561_770$ $Y_m\ 520_770$

$G_m\ 475_573$ $C_m\ 380_56154$

$B_m\ 380_520$ $M_m\ 573_475$

Ostwald colours (o), $Y_W=100$

max (m) chromatic value, P40

chromaticity diagram ($a_{6,10}$, $b_{6,10}$)

