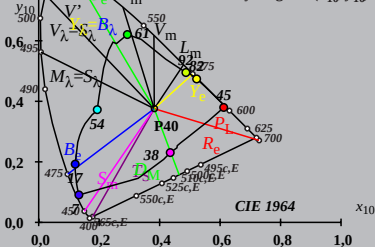


Ostwald colours (o), $Y_W=100$

max (m) chromatic value, P40

Min the chromaticity diagram (x_{10}, y_{10})



CIE 1964

x_{10}

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

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

$A_0 = (a_0 - a_{0,n}) Y_{18} (Y/Y_{18})^{1/3}$

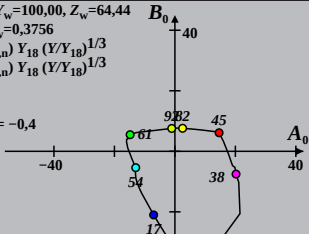
$B_0 = (b_0 - b_{0,n}) Y_{18} (Y/Y_{18})^{1/3}$

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

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

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

$n = P40$



Ostwald colours (o), $Y_w=100$
 max (m) chromatic value, P40
 chroma ($A_{0.10}^*, B_{0.10}^*$)

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

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

$$A_1 = (a_1 - a_{1,n}) Y_{18} (Y/Y_{18})^{1/3}$$

$$B_1 = (b_1 - b_{1,n}) Y_{18} (Y/Y_{18})^{1/3}$$

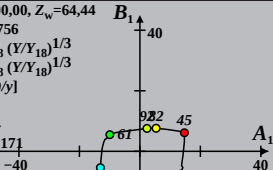
$$a_1 = a_{20} [(x-0,171)/y]$$

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

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

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

$$n = P40$$



Ostwald colours (o), $Y_w=100$
 max (m) Chromatic value, P40
 chroma ($A^*_{1.10}, B^*_{1.10}$)

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

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

$A_2 = (a_2 - a_{2,n}) Y_{18} (Y/Y_{18})^{1/3}$

$B_2 = (b_2 - b_{2,n}) Y_{18} (Y/Y_{18})^{1/3}$

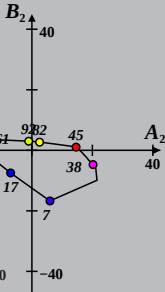
$a_2 = a_{20} [(x-0,171)/y]$

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

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

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

$n = P40$



Ostwald colours (o), $Y_w=100$
 max (m) chromatic value, P40
 chroma ($A_{2,10}^*, B_{2,10}^*$)

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

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

$$A_3 = (a_3 - a_{3,n}) Y_{18} (Y/Y_{18})^{1/3}$$

$$B_3 = (b_3 - b_{3,n}) Y_{18} (Y/Y_{18})^{1/3}$$

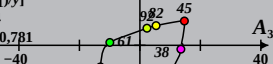
$$a_3 = a_{20} [(x-0,171)/y]$$

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

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

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

$$n = P40$$

 B_3


Oswald colours (o), $Y_w=100$
 max (m) chromatic value, P40
 chroma ($A^*_{3.10}, B^*_{3.10}$)

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

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

$$A_4 = (a_4 - a_{4,n}) Y_{18} (Y/Y_{18})^{1/3}$$

$$B_4 = (b_4 - b_{4,n}) Y_{18} (Y/Y_{18})^{1/3}$$

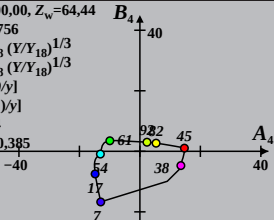
$$a_4 = a_{20} [(x-0,171)/y]$$

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

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

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

$$n = P40$$



Ostwald colours (o), $Y_w=100$
 max (m) Chromatic value, P40
 chroma ($A^*_{4,10}$, $B^*_{4,10}$)

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

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

$$A_5 = (a_5 - a_{5,n}) Y_{18} (Y/Y_{18})^{1/3}$$

$$B_5 = (b_5 - b_{5,n}) Y_{18} (Y/Y_{18})^{1/3}$$

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

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

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

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

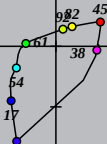
$$n = P40$$

 B_5

40

 A_5

40



Oswald colours (o), $Y_w=100$
 max (m) Chromatic value, P40
 chroma ($A^*_{5.10}, B^*_{5.10}$)

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

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

$A_6 = (a_6 - a_{6,n}) Y_{18} (Y/Y_{18})^{1/3}$

$B_6 = (b_6 - b_{6,n}) Y_{18} (Y/Y_{18})^{1/3}$

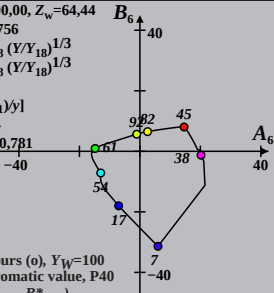
$a_6 = a_{20} [x/y]$

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

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

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

$n = P40$



Ostwald colours (o), $Y_w=100$
 max (m) chromatic value, P40
 chroma ($A^*_{6,10}, B^*_{6,10}$)