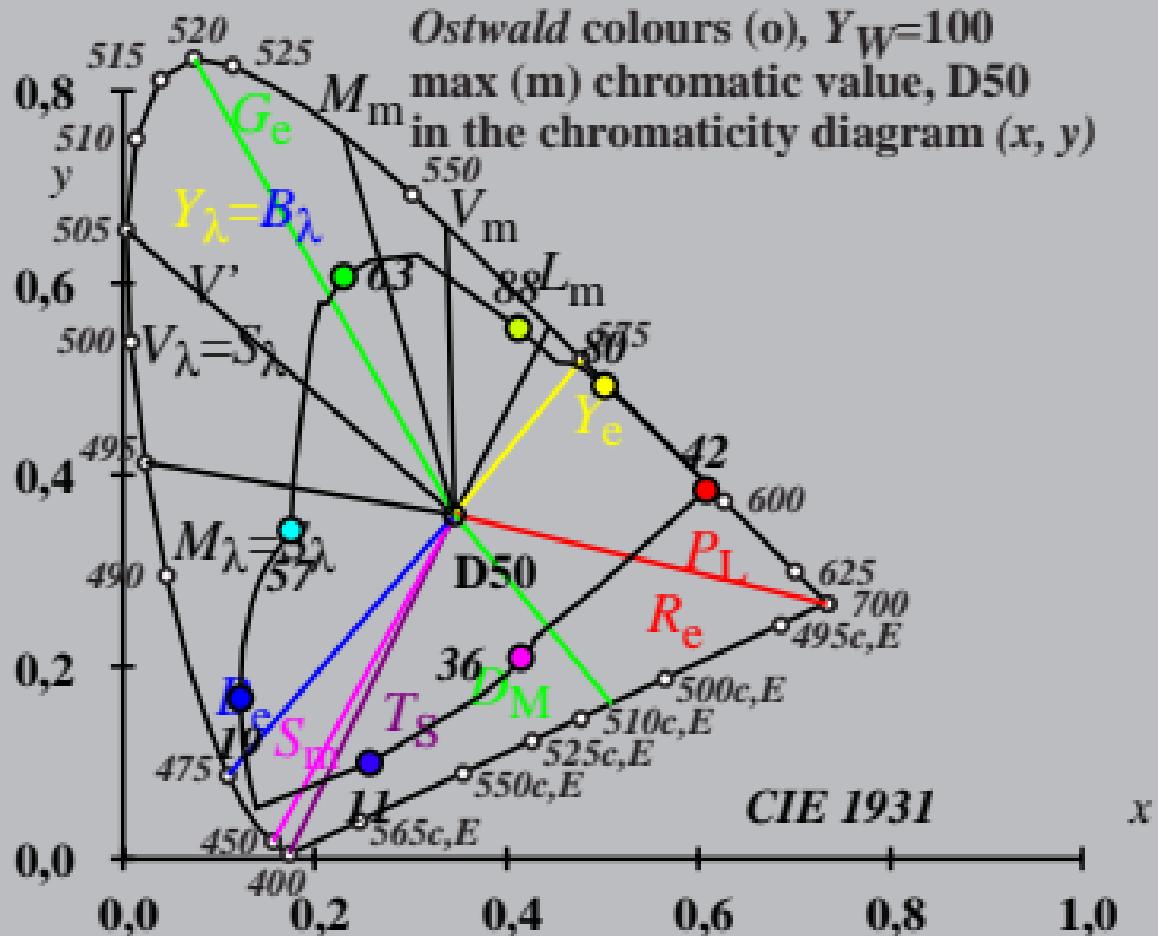


*Ostwald colours (o),  $Y_W=100$   
 max (m) chromatic value, D50  
 in the chromaticity diagram ( $x, y$ )*



$X_w=96,42$ ,  $Y_w=100,00$ ,  $Z_w=82,49$

$x_w=0,3457$   $y_w=0,3585$

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

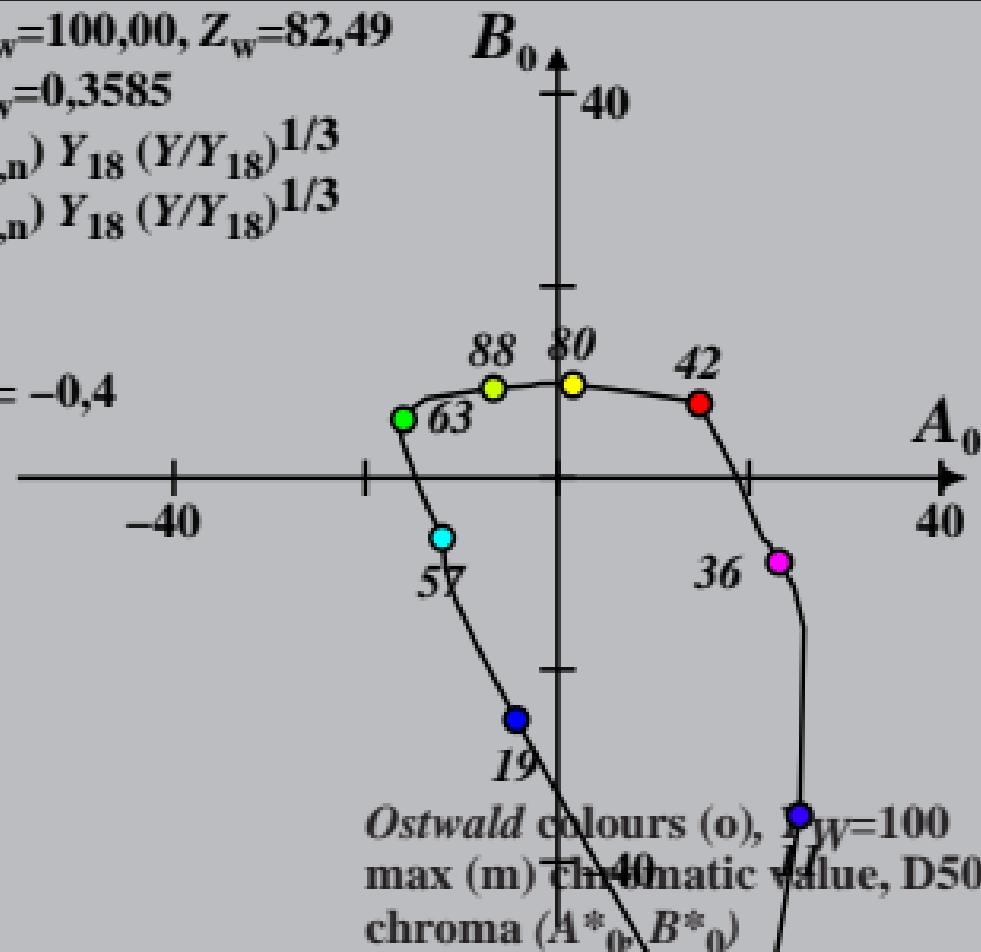
$$B_0 = (b_0 - b_{0,n}) Y_{18} (Y/Y_{18})^{1/3}$$

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

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

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

$$n = D50$$



$X_w=96,42, Y_w=100,00, Z_w=82,49$

$x_w=0,3457 y_w=0,3585$

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

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

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

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

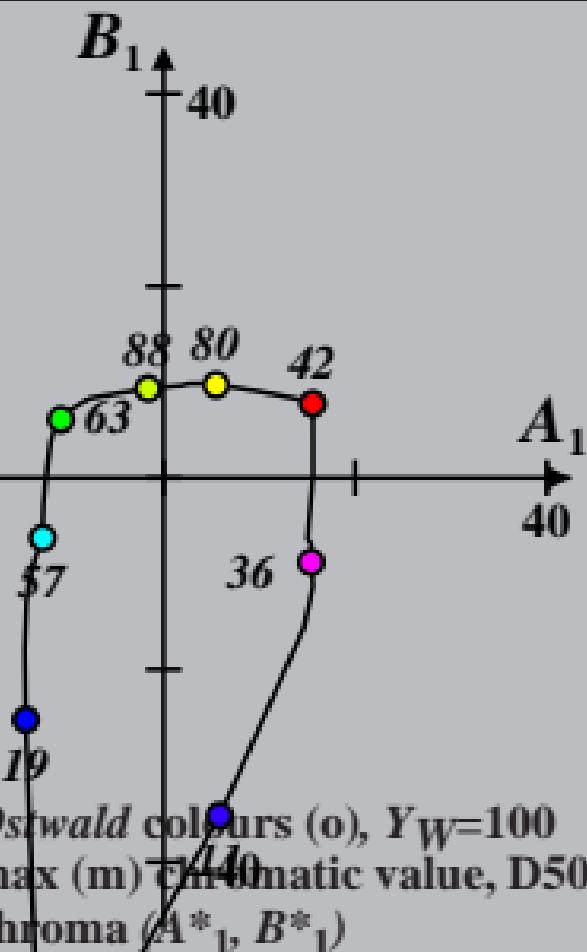
$$a_{20} = 1, b_{20} = -0,4$$

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

$$n = D50$$

-40

40



$X_w=96,42$ ,  $Y_w=100,00$ ,  $Z_w=82,49$

$x_w=0,3457$   $y_w=0,3585$

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

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

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

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

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

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

$$n = D50$$

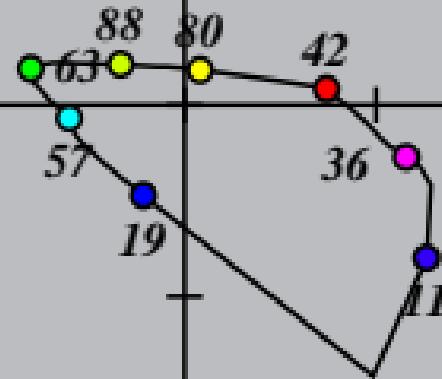
-40

$B_2$

40

$A_2$

40



*Ostwald colours (o),  $Y_W=100$*

*max (m) chromatic value, D50*

*chroma ( $A^*_2, B^*_2$ )*

-40

$X_w=96,42$ ,  $Y_w=100,00$ ,  $Z_w=82,49$

$x_w=0,3457$   $y_w=0,3585$

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

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

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

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

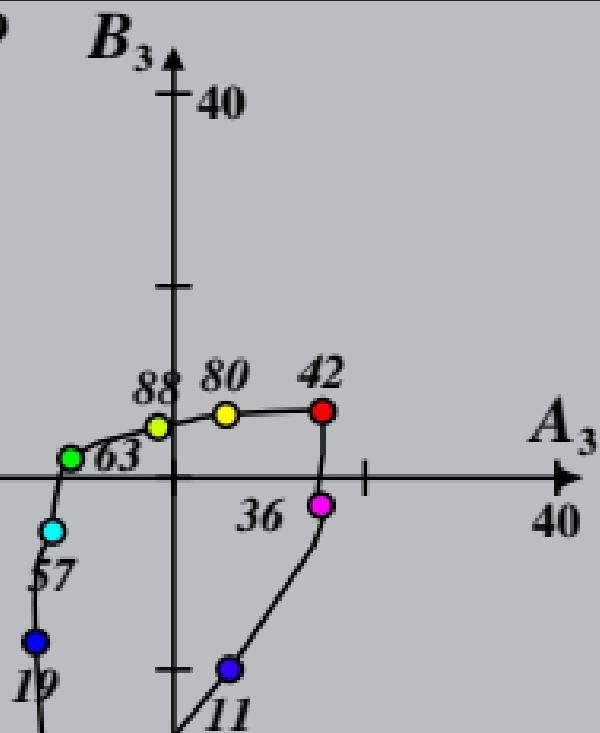
$$a_{20} = 1, b_{20} = -0,4$$

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

$n = D50$

-40

40



*Ostwald* colours (o),  $Y_W=100$   
max (m) chromatic value, D50  
chroma ( $A^*_3, B^*_3$ )

$X_w=96,42, Y_w=100,00, Z_w=82,49$

$x_w=0,3457 y_w=0,3585$

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

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

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

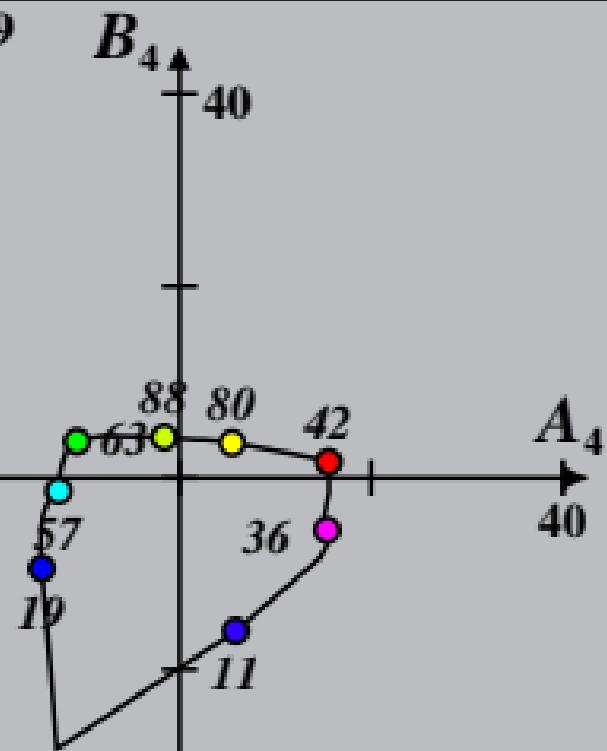
$$b_4 = b_{20} [(m_{P1}x+b_{P1})/y]$$

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

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

$$n = D50$$

-40



*Ostwald* colours (o),  $Y_W=100$   
max (m) chromatic value, D50  
chroma ( $A^*_4, B^*_4$ )

$X_w=96,42$ ,  $Y_w=100,00$ ,  $Z_w=82,49$

$x_w=0,3457$   $y_w=0,3585$

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

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

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

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

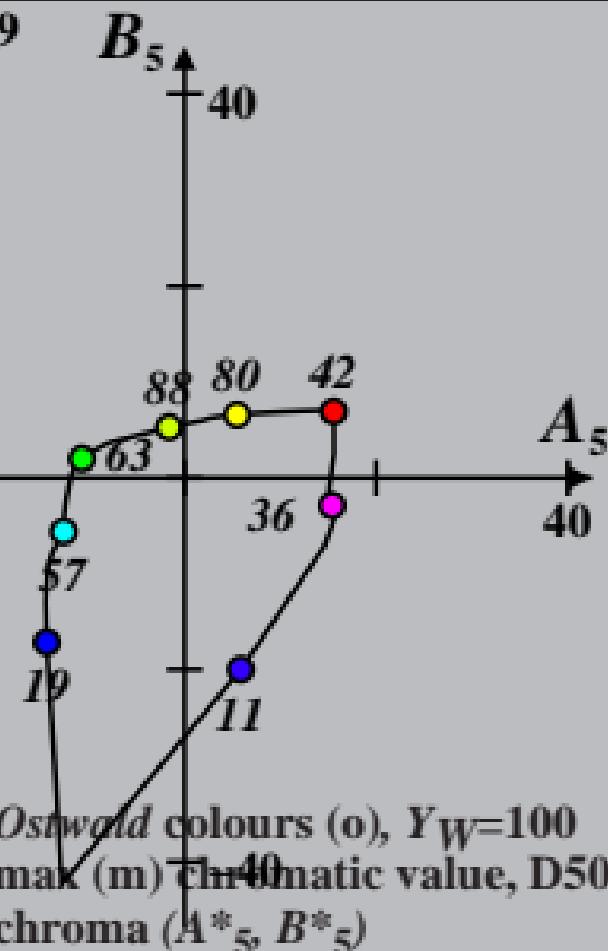
$$a_{20} = 1, b_{20} = -0,4$$

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

$n = D50$

-40

40



$X_w=96,42$ ,  $Y_w=100,00$ ,  $Z_w=82,49$

$x_w=0,3457$   $y_w=0,3585$

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

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

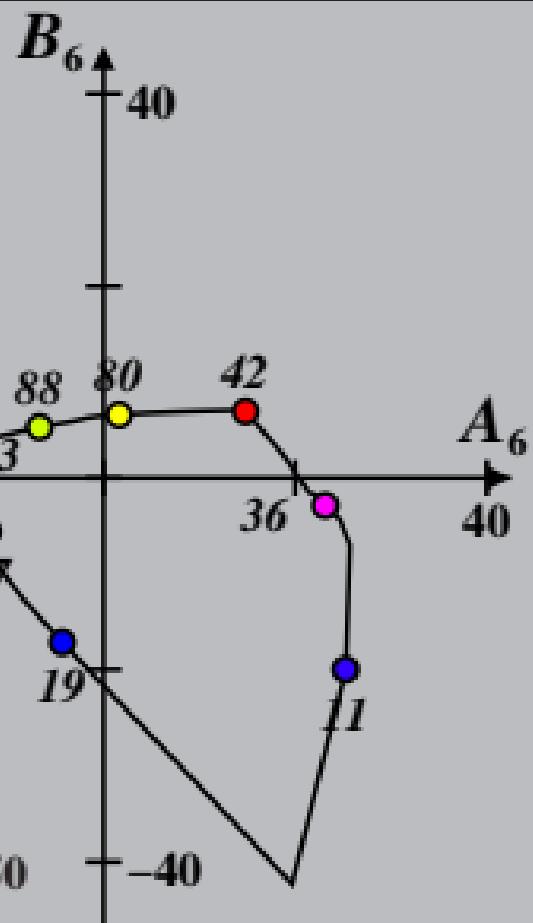
$$a_6 = a_{20} [x/y]$$

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

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

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

$$n = D50$$



*Ostwald colours (o),  $Y_W=100$*

*max (m) chromatic value, D50*

*chroma ( $A^*_6, B^*_6$ )*