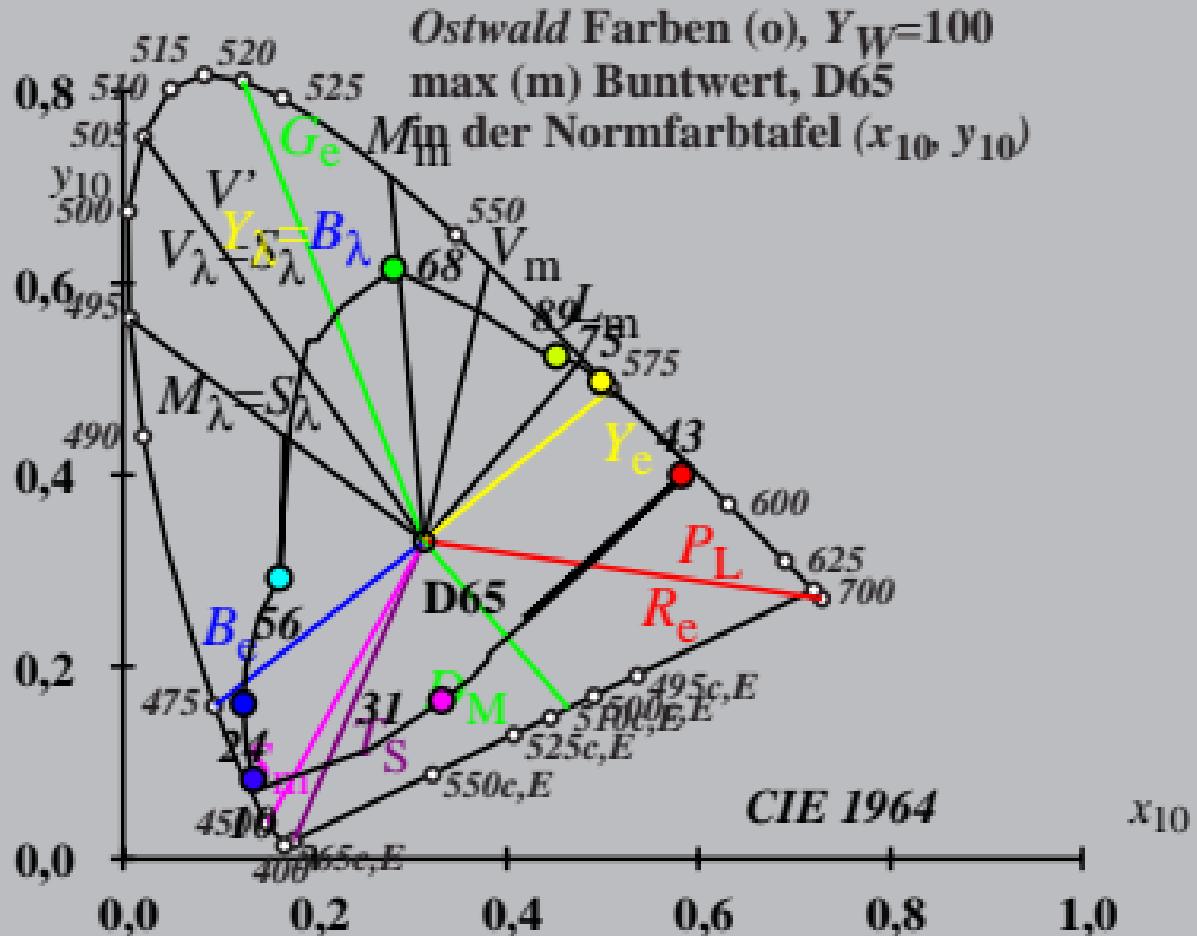


Ostwald Farben (o), $Y_W=100$

max (m) Buntwert, D65

Min der Normfarbtafel (x_{10} , y_{10})



CIE 1964

$X_w=94,81, Y_w=100,00, Z_w=107,33$

$x_w=0,3137 y_w=0,3309$

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

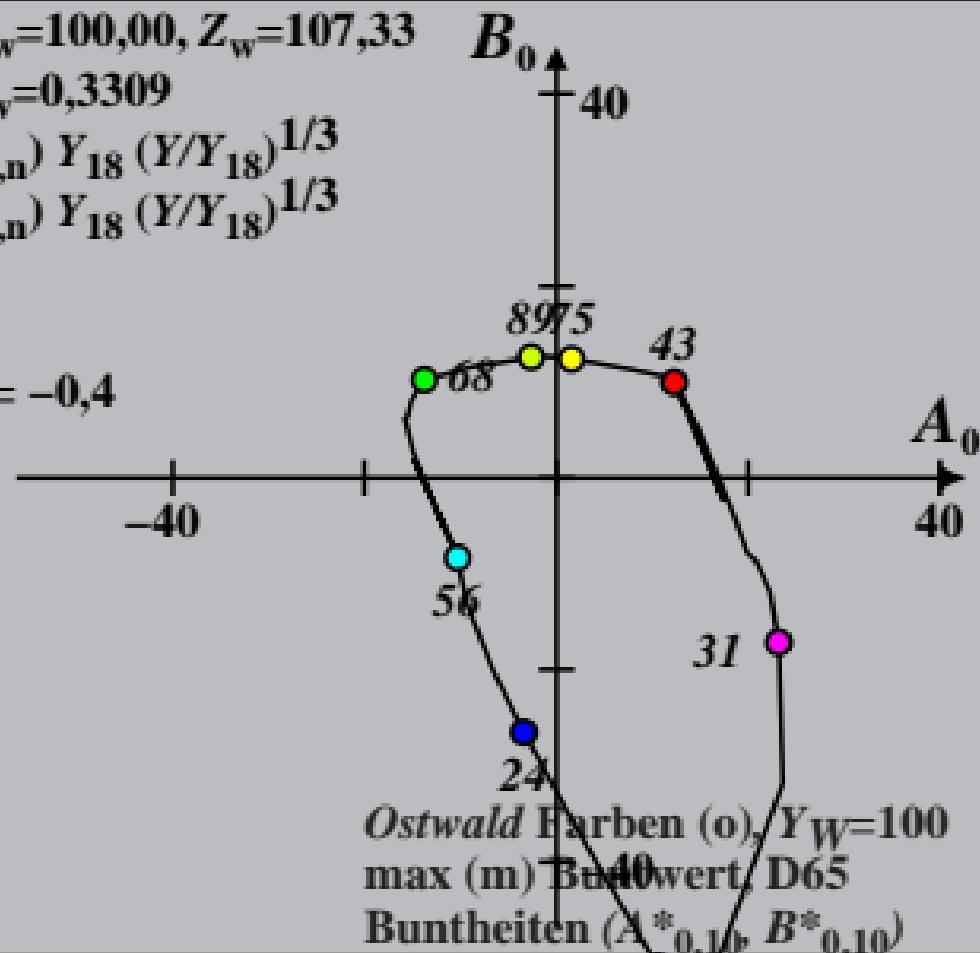
$$B_0 = (b_0 - b_{0,n}) Y_{18} (Y/Y_{18})^{1/3}$$

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

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

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

$n = D65$



$X_w=94,81, Y_w=100,00, Z_w=107,33$

$x_w=0,3137 y_w=0,3309$

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

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

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

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

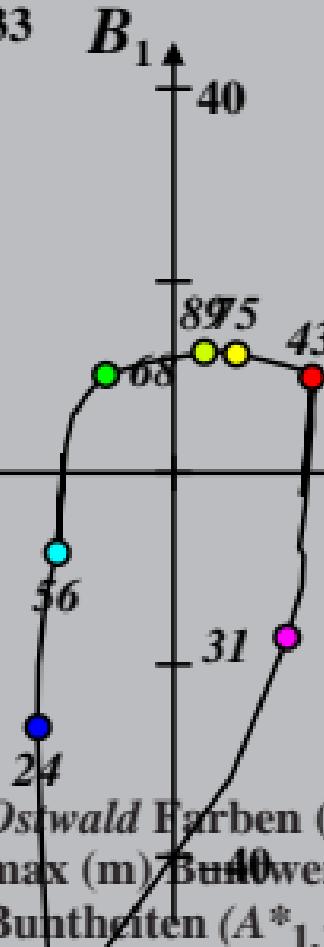
$$a_{20} = 1, b_{20} = -0,4$$

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

$$n = D65$$

-40

A₁
40



$X_w=94,81, Y_w=100,00, Z_w=107,33$

$x_w=0,3137 y_w=0,3309$

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

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

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

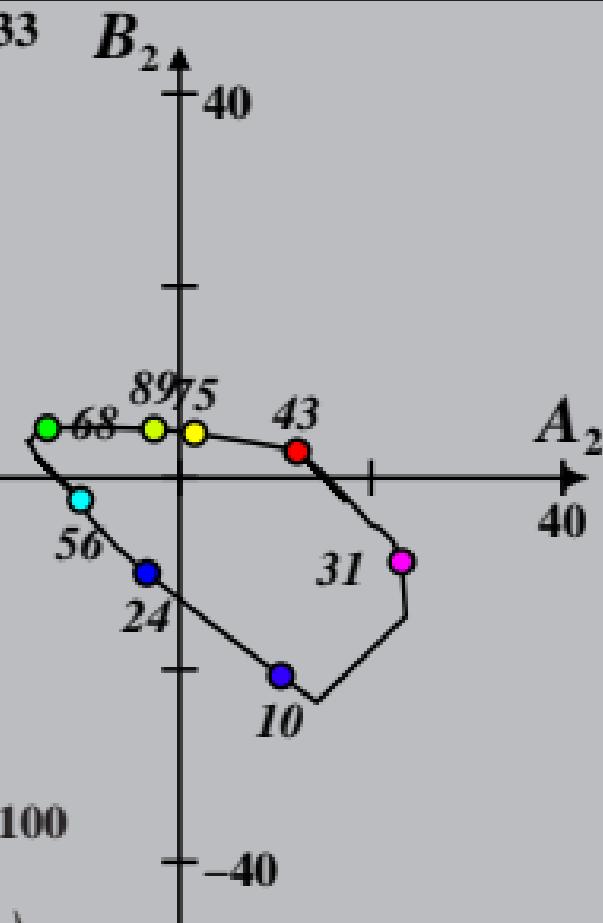
$$b_2 = b_{20} [(m_{P1}x+b_{P1})/y]$$

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

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

$n = D65$

-40



Ostwald Farben (o), $Y_W=100$

max (m) Buntwert, D65

Buntheiten ($A^*_{2,10}, B^*_{2,10}$)

$X_w=94,81, Y_w=100,00, Z_w=107,33$

$x_w=0,3137 y_w=0,3309$

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

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

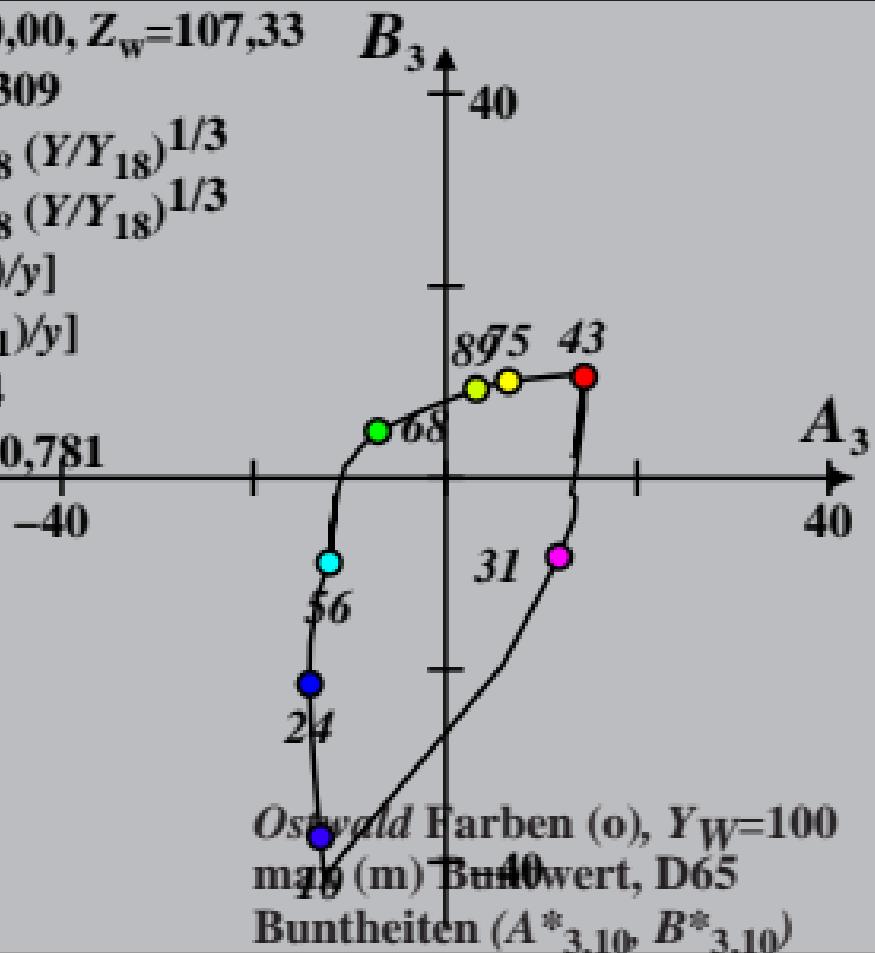
$$a_3 = a_{20} [(x-0,171)/y]$$

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

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

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

$$n = D65$$



$X_w=94,81, Y_w=100,00, Z_w=107,33$

$x_w=0,3137 y_w=0,3309$

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

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

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

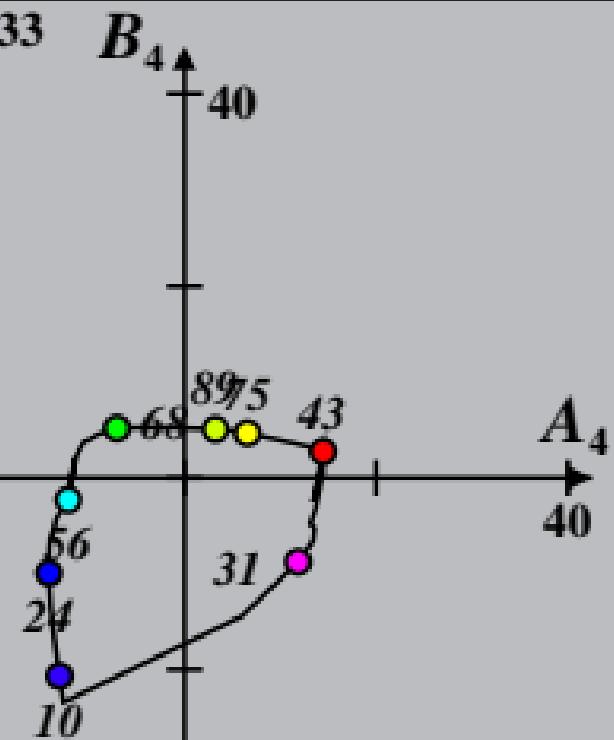
$$b_4 = b_{20} [(m_{P1}x+b_{P1})/y]$$

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

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

$n = D65$

-40



*Ostwald Farben (o), $Y_W=100$
max (m) $B_4=40$ Wert, D65
Buntheiten ($A^*_{4,10}, B^*_{4,10}$)*

$X_w=94,81, Y_w=100,00, Z_w=107,33$

$x_w=0,3137 y_w=0,3309$

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

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

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

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

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

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

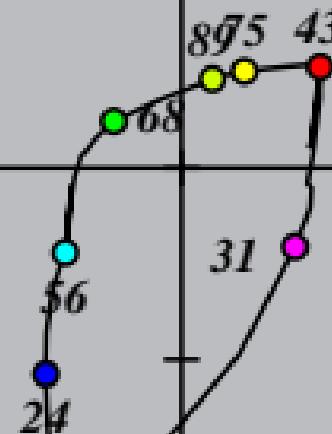
$$n = D65$$

-40

40

B_5

40



Ostwald Farben (o), $Y_W=100$
 m_{D1} (m) Bw40wert, D65
Buntheiten ($A^*_{5,10}, B^*_{5,10}$)

$X_w=94,81, Y_w=100,00, Z_w=107,33$

$x_w=0,3137 y_w=0,3309$

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

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

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

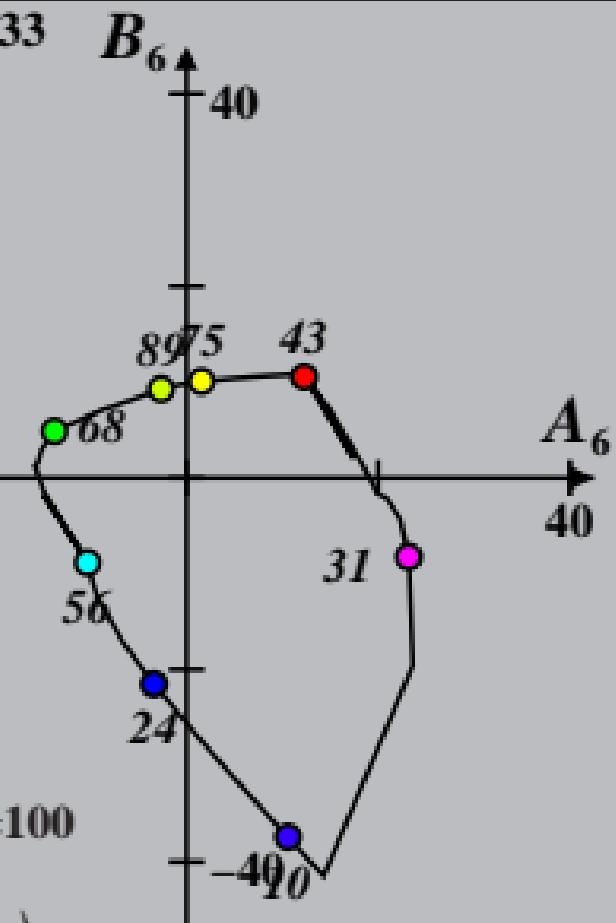
$$b_6 = b_{20} [(m_{D1}x + b_{D1})/y]$$

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

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

$$n = D65$$

-40



Ostwald Farben (o), $Y_W=100$

max (m) Buntwert, D65

Buntheiten ($A^*_{6,10}, B^*_{6,10}$)