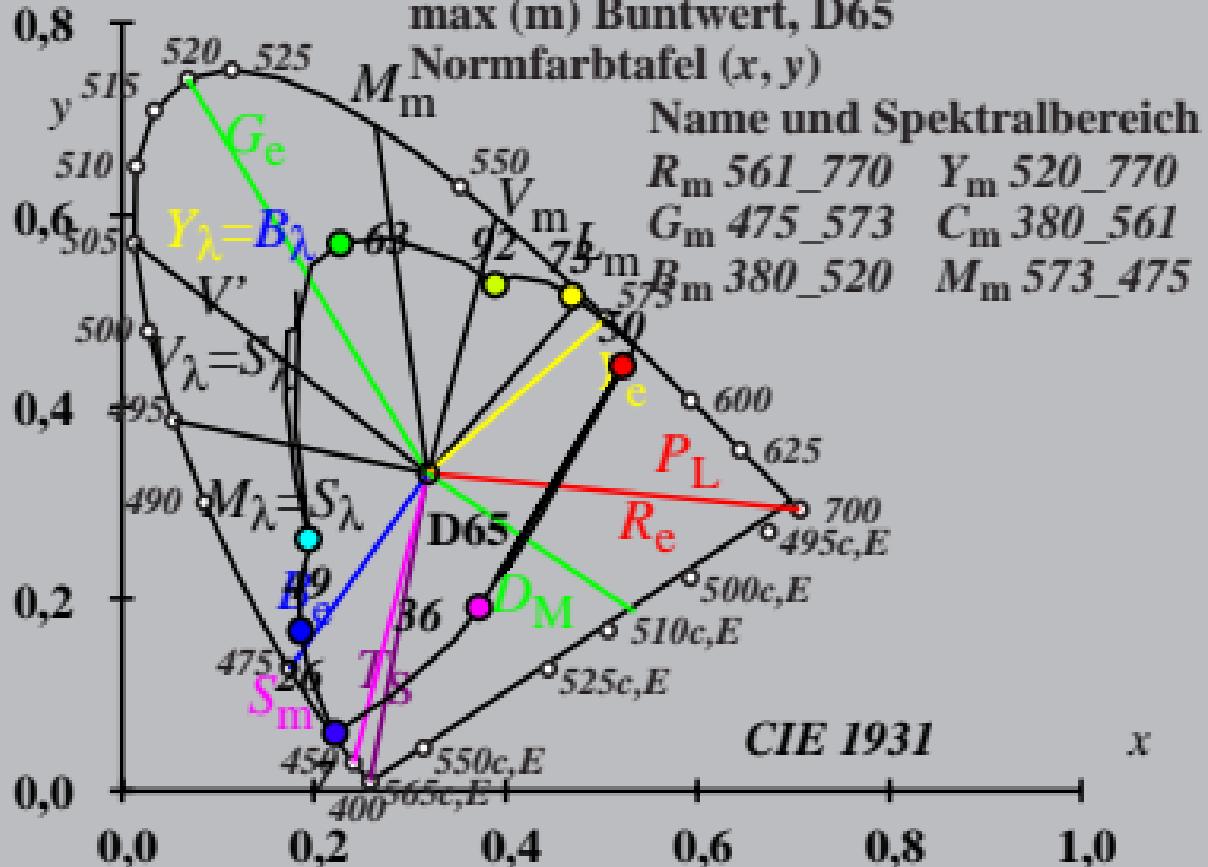


Ostwald Farben (o),  $Y_W=100$   
 max (m) Buntwert, D65  
 Normfarbtafel ( $x, y$ )



$X_w=99,99, Y_w=100,00, Z_w=99,99$

$x_w=0,3333 y_w=0,3333$

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

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

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

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

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

$n = D65$

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

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

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

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

Ostwald Farben (o),  $Y_W=100$

max (m) Buntwert, D65

Buntwert ( $A_0, B_0$ )

$B_0$



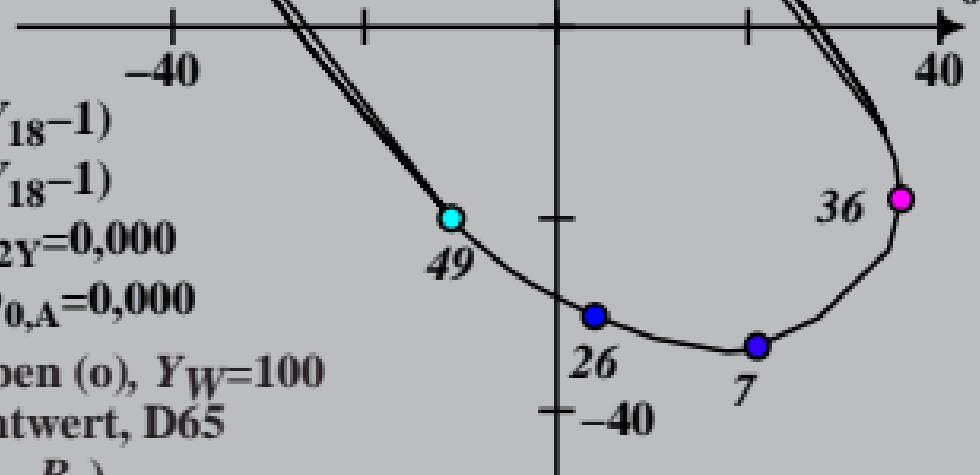
40

-40

$A_0$

40

-40



$X_w=99,99, Y_w=100,00, Z_w=99,99$

$x_w=0,33333 y_w=0,33333$

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

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

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

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

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

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

$n = D65$

-40

40

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

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

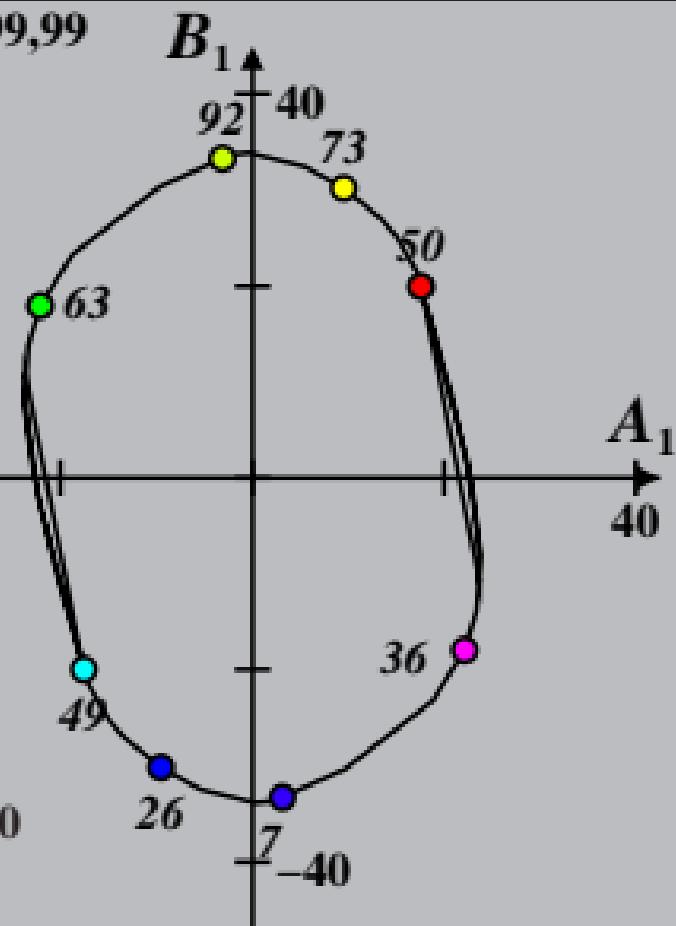
$a_{2Y}=0,000, b_{2Y}=0,000$

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

Ostwald Farben (o),  $Y_W=100$

max (m) Buntwert, D65

Buntwert ( $A_1, B_1$ )



$X_w=99,99, Y_w=100,00, Z_w=99,99$

$x_w=0,3333 \quad y_w=0,3333$

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

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

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

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

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

$m_{P1} = -0,107, \quad b_{P1} = 0,369$

$n = D65$

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

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

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

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

Ostwald Farben (o),  $Y_W=100$

max (m) Buntwert, D65

Buntwert ( $A_2, B_2$ )

$B_2$

40

-40

$A_2$

40

26

92

63

73

50

49

36

7

-40

$X_w=99,99, Y_w=100,00, Z_w=99,99$

$x_w=0,3333 \quad y_w=0,3333$

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

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

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

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

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

$m_{D1}=-0,730, \quad b_{D1}=0,576$

$n = D65$

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

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

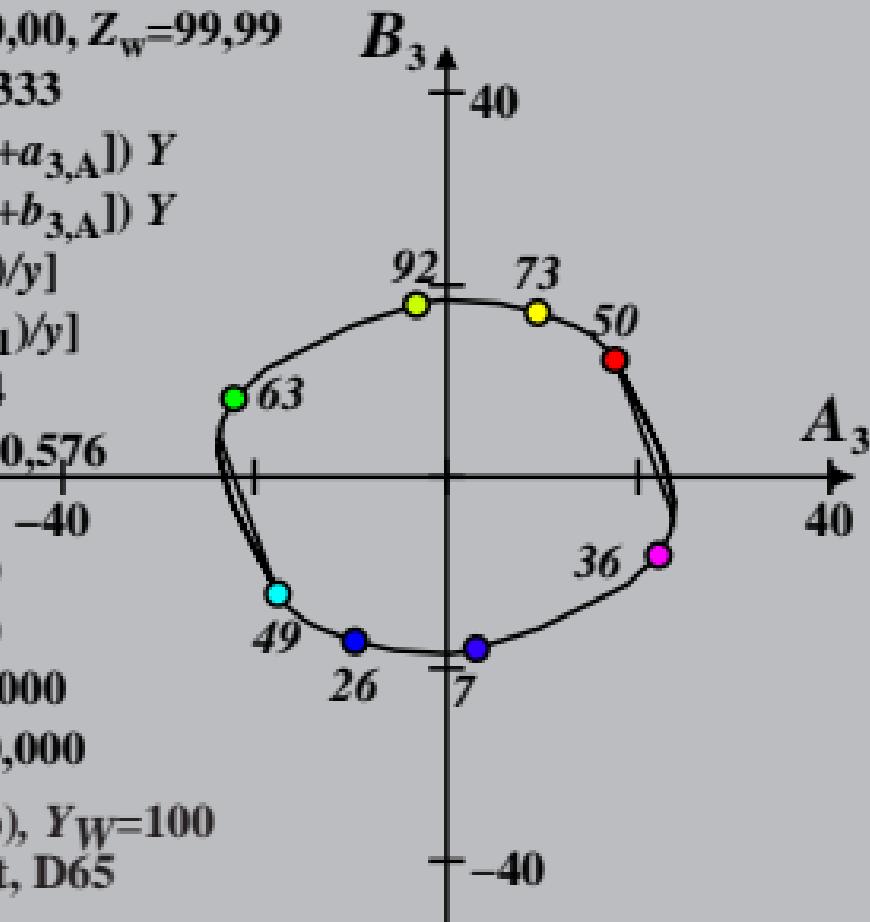
$a_{2Y}=0,000, \quad b_{2Y}=0,000$

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

Ostwald Farben (o),  $Y_W=100$

max (m) Buntwert, D65

Buntwert ( $A_3, B_3$ )



$X_w=99,99, Y_w=100,00, Z_w=99,99$

$x_w=0,3333 y_w=0,3333$

$A_4=(a_4-[a_{4,n}+a_{4,Y}+a_{4,A}]) Y$

$B_4=(b_4-[b_{4,n}+b_{4,Y}+b_{4,A}]) Y$

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

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

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

$m_{P1}=-0,107, b_{P1}=0,369$

$n = D65$

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

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

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

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

Ostwald Farben (o),  $Y_W=100$

max (m) Buntwert, D65

Buntwert ( $A_4, B_4$ )

$B_4$

40

92

73

50

36

$A_4$

40

26

7

-7

-40

$X_w=99,99, Y_w=100,00, Z_w=99,99$

$x_w=0,3333 y_w=0,3333$

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

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

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

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

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

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

$n = D65$

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

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

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

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

Ostwald Farben (o),  $Y_W=100$

max (m) Buntwert, D65

Buntwert ( $A_5, B_5$ )

$B_5$

40

$A_5$

40

-40

92

73

50

-40

49

26

7

36

-40

$X_w=99,99, Y_w=100,00, Z_w=99,99$

$x_w=0,3333 \quad y_w=0,3333$

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

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

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

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

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

$n = D65$

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

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

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

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

Ostwald Farben (o),  $Y_W=100$

max (m) Buntwert, D65

Buntwert ( $A_6, B_6$ )

