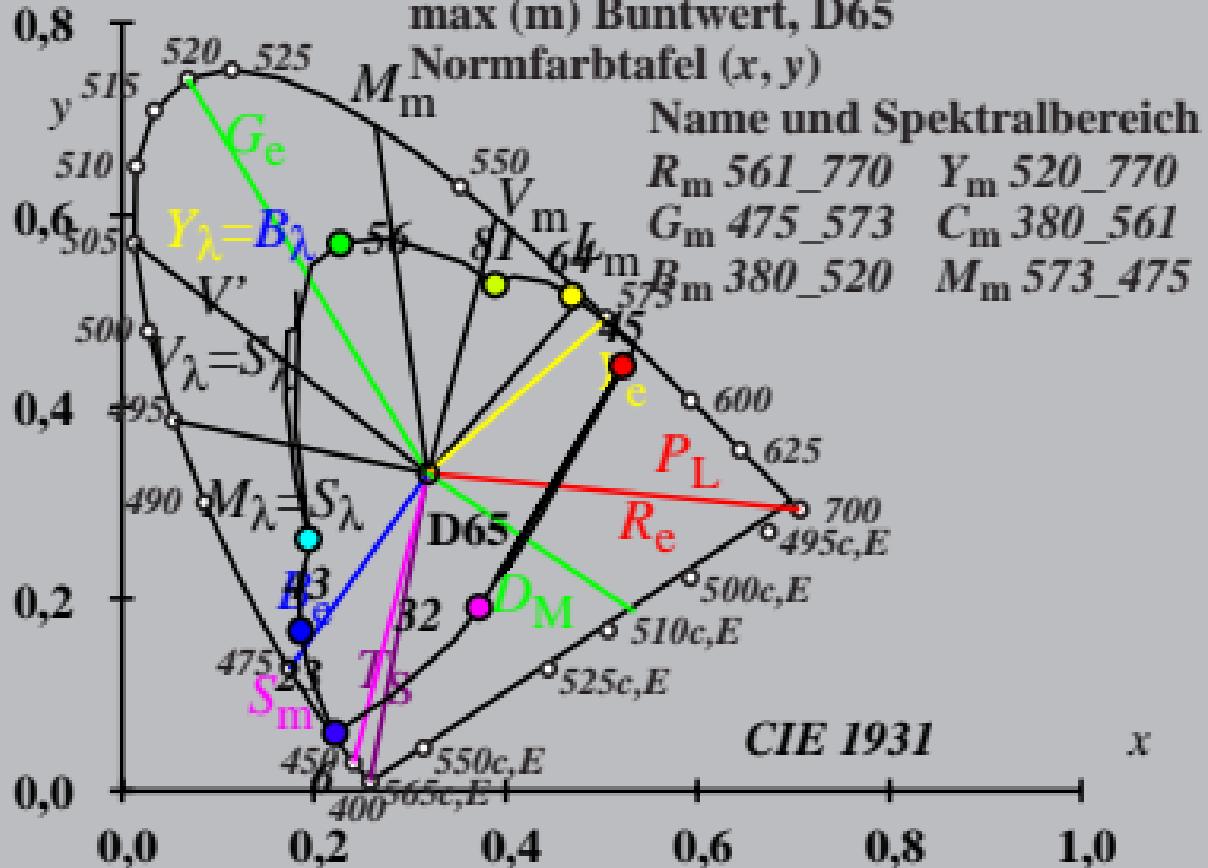


Ostwald Farben (o), $Y_W=88,6$
 max (m) Buntwert, D65
 Normfarbtafel (x, y)



$X_w=88,58, Y_w=88,59, Z_w=88,58$

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

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

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

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

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

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

$$n = D65$$

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

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

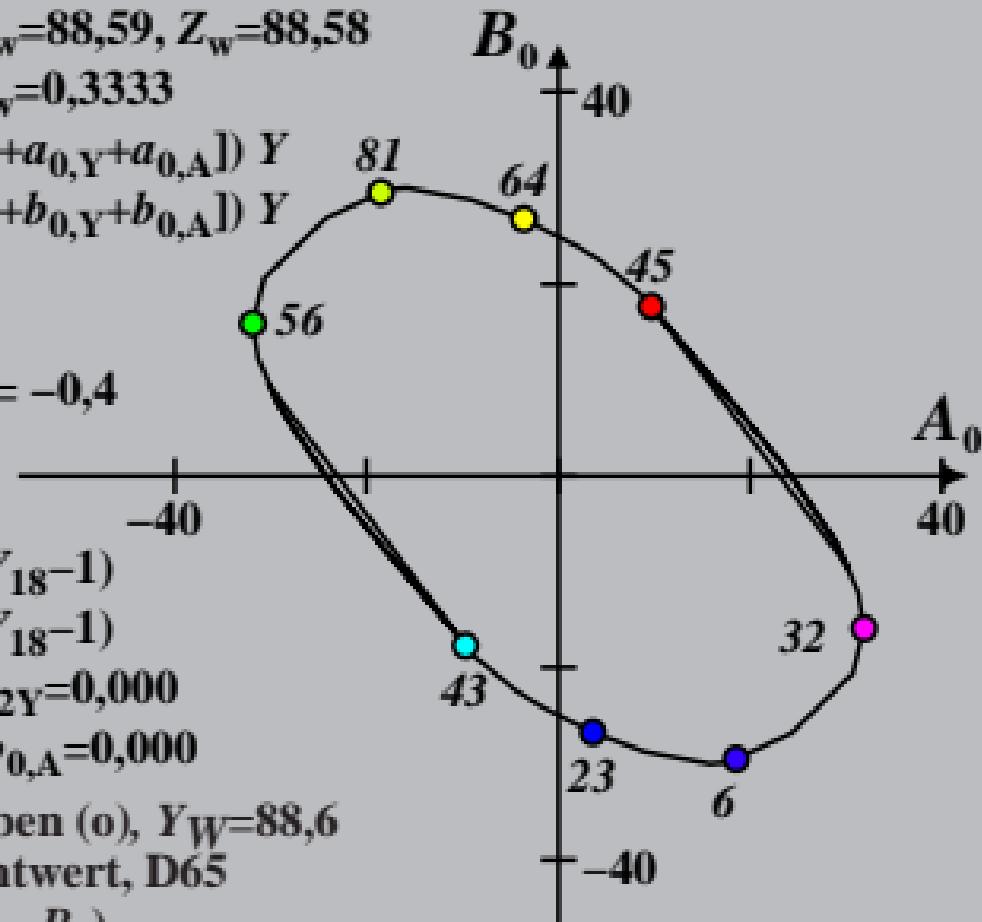
$$a_{2Y} = 0,000, b_{2Y} = 0,000$$

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

Ostwald Farben (o), $Y_W=88,6$

max (m) Buntwert, D65

Buntwert (A_0, B_0)



$X_w=88,58, Y_w=88,59, Z_w=88,58$

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

$A_1=(a_1-[a_{1,n}+a_{1,Y}+a_{1,A}]) Y$

$B_1=(b_1-[b_{1,n}+b_{1,Y}+b_{1,A}]) Y$

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

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

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

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

$n = D65$

-40

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

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

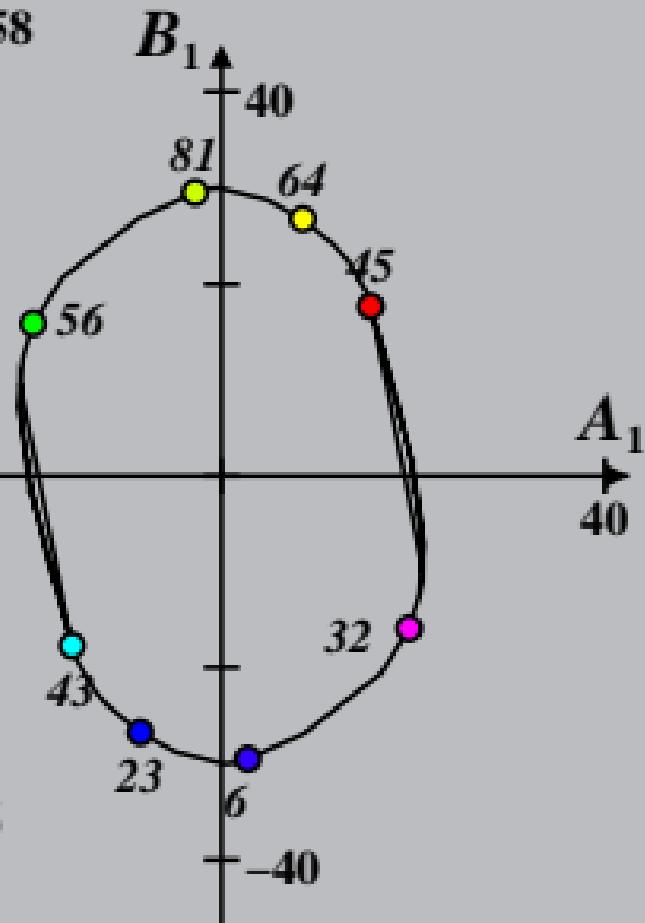
$a_{2Y}=0,000, b_{2Y}=0,000$

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

Ostwald Farben (o), $Y_W=88,6$

max (m) Buntwert, D65

Buntwert (A_1, B_1)



$X_w=88,58, Y_w=88,59, Z_w=88,58$

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

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

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

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

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

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

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

$n = D65$

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

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

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

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

Ostwald Farben (o), $Y_W=88,6$

max (m) Buntwert, D65

Buntwert (A_2, B_2)

B_2

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A_2

40

-40

23

43

6

32

64

81

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-40

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23

$X_w=88,58, Y_w=88,59, Z_w=88,58$

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

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

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

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

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

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

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

$n=D65$

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

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

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

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

Ostwald Farben (o), $Y_W=88,6$

max (m) Buntwert, D65

Buntwert (A_3, B_3)

B_3

40

81

64

45

56

32

43

23

6

A_3

40

-40

$X_w=88,58, Y_w=88,59, Z_w=88,58$

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

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

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

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

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

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

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

$n = D65$

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

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

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

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

Ostwald Farben (o), $Y_W=88,6$

max (m) Buntwert, D65

Buntwert (A_4, B_4)

B_4

↑

40

81

64

45

56

43

23

6

32

o

A_4

40

40

-40

6

-40

$X_w=88,58, Y_w=88,59, Z_w=88,58$

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

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

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

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

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

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

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

$n = D65$

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

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

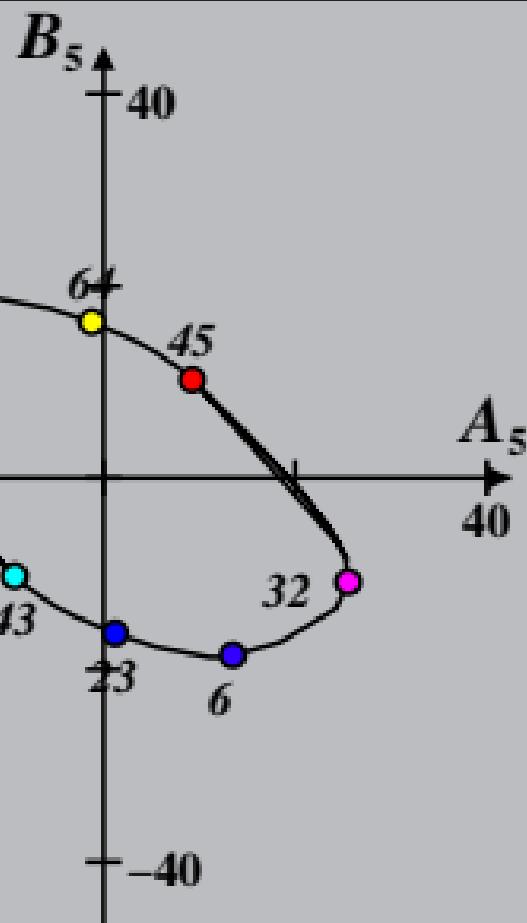
$a_{2Y}=0,000, b_{2Y}=0,000$

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

Ostwald Farben (o), $Y_W=88,6$

max (m) Buntwert, D65

Buntwert (A_5, B_5)



$X_w=88,58, Y_w=88,59, Z_w=88,58$

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

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

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

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

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

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

$n = D65$

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

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

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

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

Ostwald Farben (o), $Y_W=88,6$

max (m) Buntwert, D65

Buntwert (A_6, B_6)

