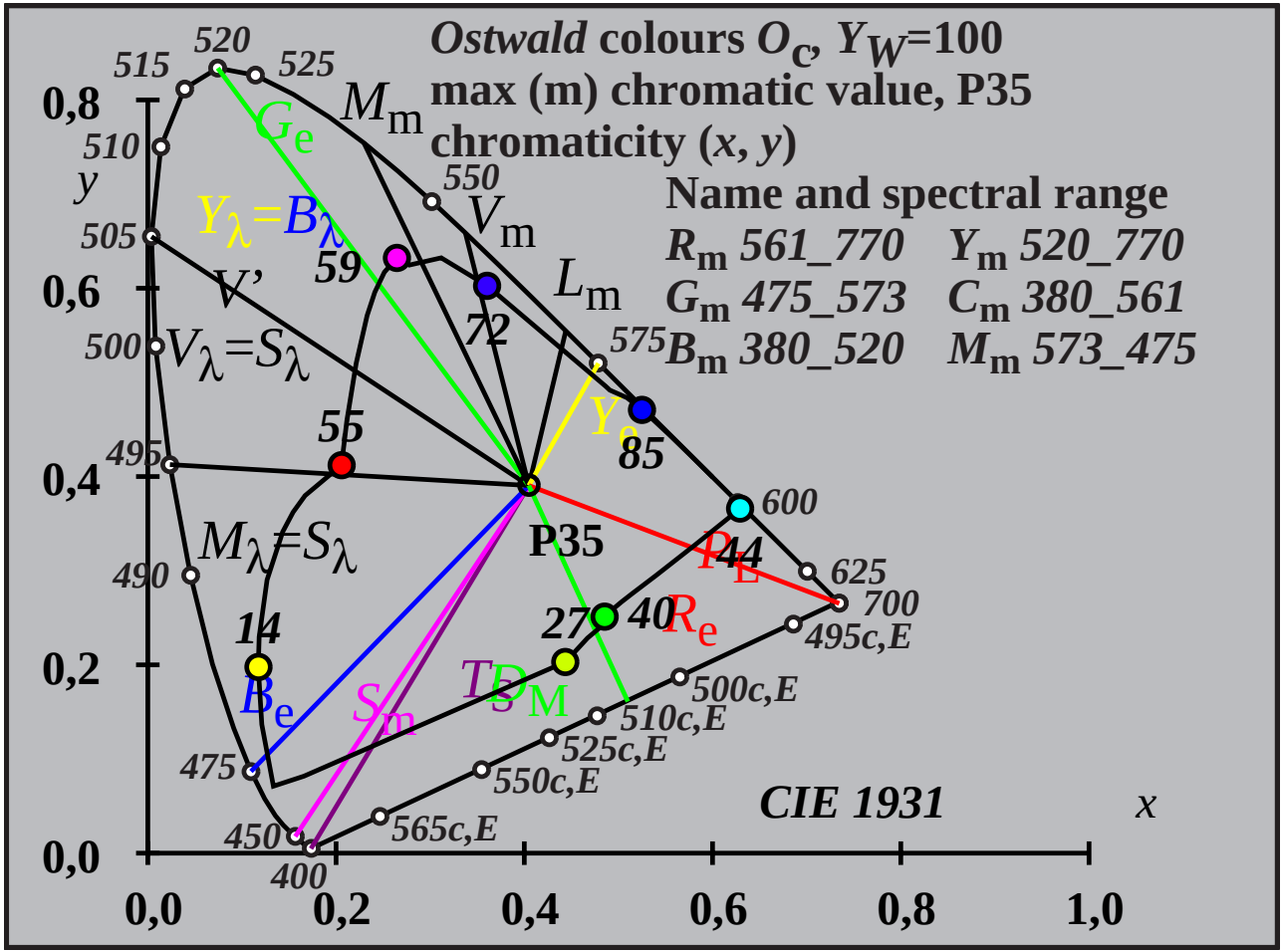

Ostwald colours O_c, Y_W=100
max (m) chromatic value, P35
chromaticity (x, y)
Name and spectral range
R_m 561_770 Y_m 520_770
G_m 475_573 C_m 380_561
B_m 380_520 M_m 573_475
CIE 1931
x
y
0,0
0,2
0,4
0,6
0,8
1,0
M_m
G_e
$Y_\lambda=B_\lambda$
V_m
L_m
V'
$V_\lambda=S_\lambda$
Y_e
$M_\lambda=S_\lambda$
P35
P_E
R_e
B_e
S_m
T_D
D_M
59
72
55
85
14
27
40
44
515
520
525
510
550
505
575
500
600
495
625
490
700
495c,E
500c,E
510c,E
525c,E
550c,E
565c,E
475
450
400

DE391−1A_1

X_w=103,66, Y_w=99,99, Z_w=52,43

x_w=0,4047 y_w=0,3904

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

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

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

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

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

n = P35

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

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

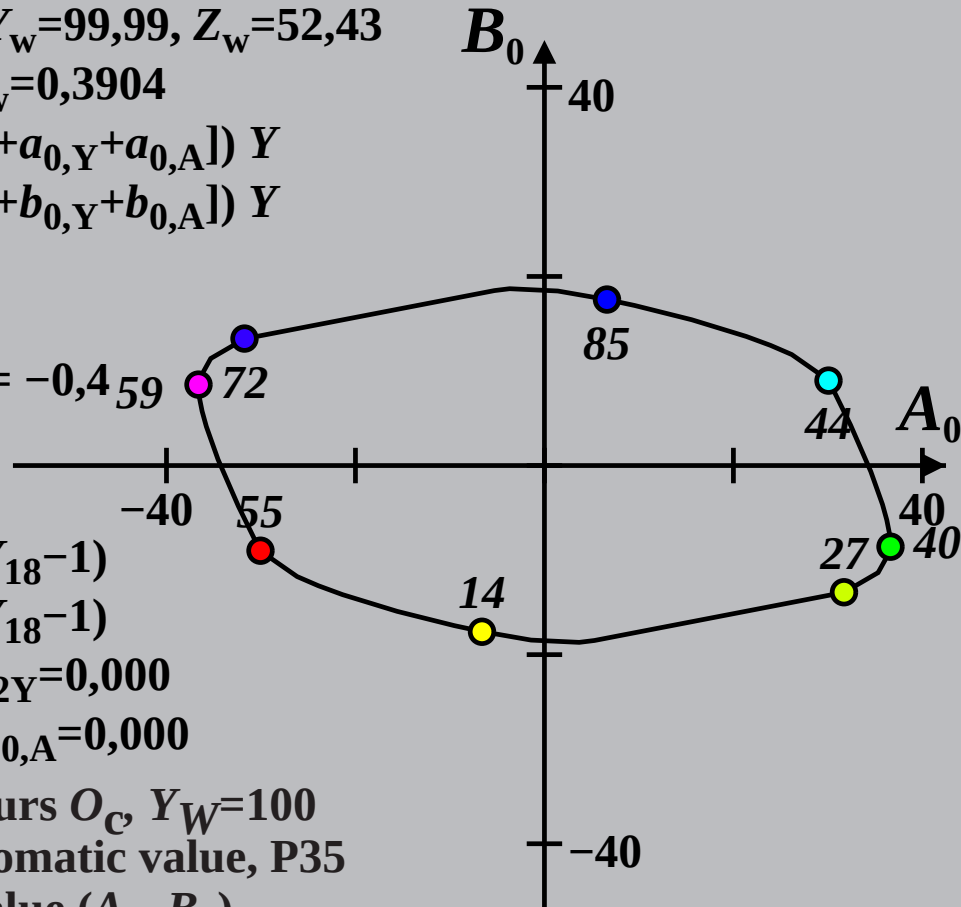
a_{2Y}=0,000, b_{2Y}=0,000

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

Ostwald colours O_C, Y_W=100

max (m) chromatic value, P35

chromatic value (A_0, B_0)



DE391−2A_1

X_w=103,66, Y_w=99,99, Z_w=52,43

x_w=0,4047 y_w=0,3904

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

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

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

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

a_{20} = 1, b_{20} = −0,4

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

n = P35

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

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

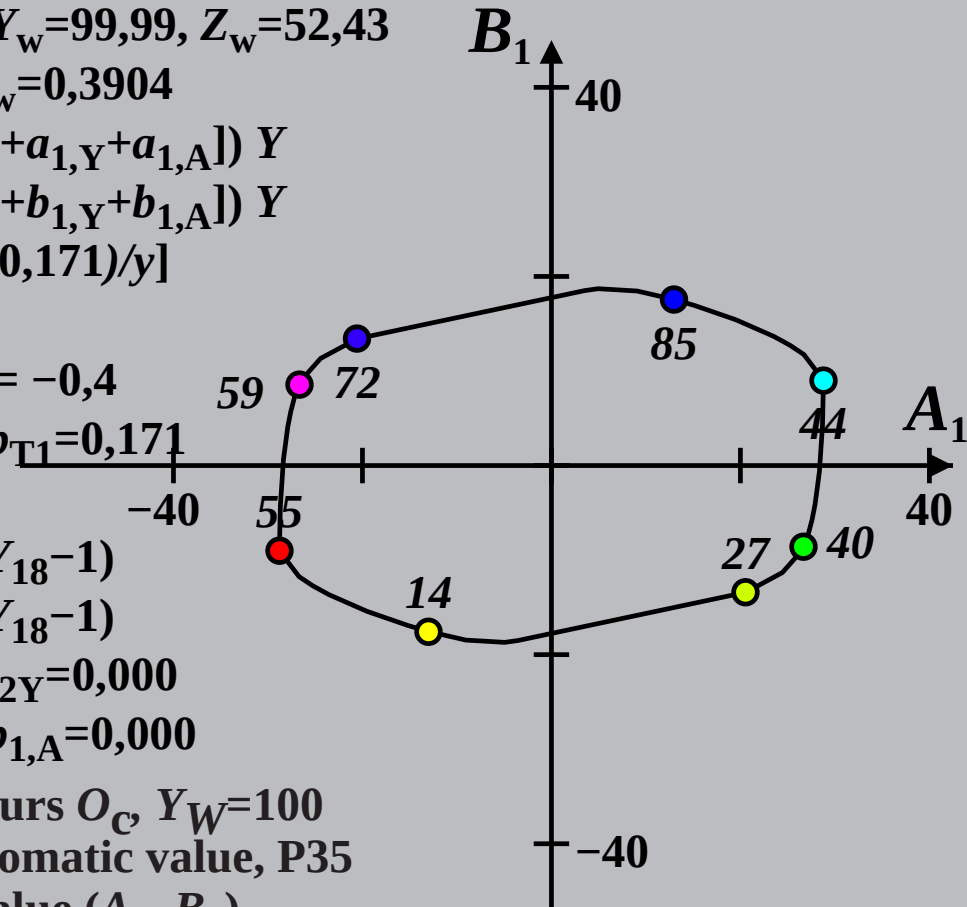
a_{2Y}=0,000, b_{2Y}=0,000

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

Ostwald colours O_C, Y_W=100

max (m) chromatic value, P35

chromatic value (A_1, B_1)



DE391−3A_1

X_w=103,66, Y_w=99,99, Z_w=52,43

x_w=0,4047 y_w=0,3904

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

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

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

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

a_{20} = 1, b_{20} = −0,4

m_{P1}=−0,169, b_{P1}=0,389

n = P35

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

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

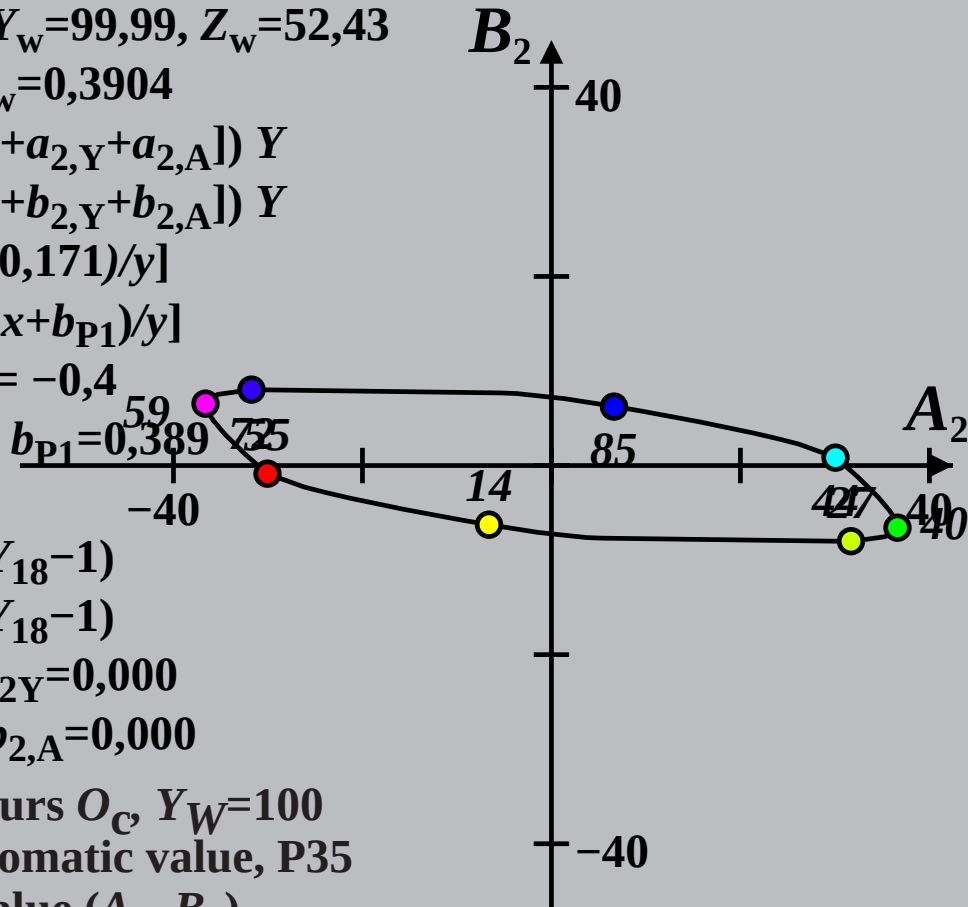
a_{2Y}=0,000, b_{2Y}=0,000

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

Ostwald colours O_C, Y_W=100

max (m) chromatic value, P35

chromatic value (A_2, B_2)



DE391−4A_1

X_W=103,66, Y_W=99,99, Z_W=52,43

x_w=0,4047 y_w=0,3904

$A_3=(a_3-[a_{3,n}+a_{3,Y}+a_{3,A}])\ Y$

$B_3=(b_3-[b_{3,n}+b_{3,Y}+b_{3,A}])\ Y$

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

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

a_{20} = 1, b_{20} = −0,4

m_{D1}=−0,974, b_{D1}=0,658

n = P35

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

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

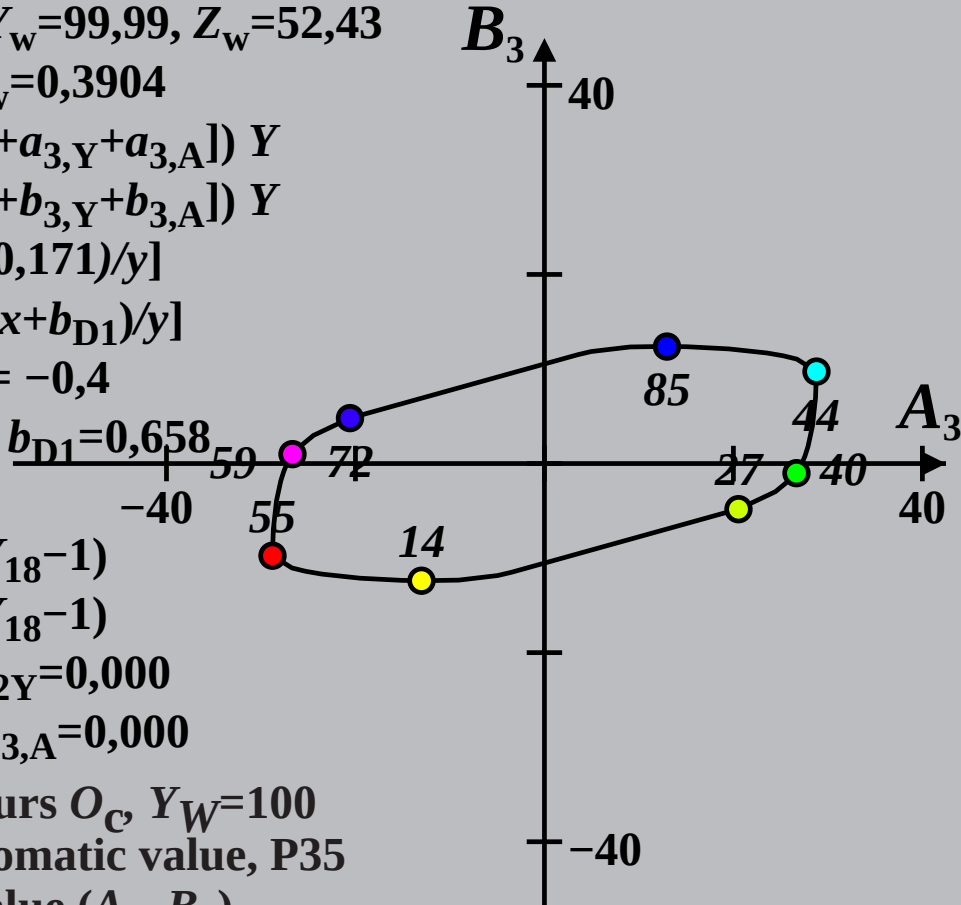
a_{2Y}=0,000, b_{2Y}=0,000

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

Ostwald colours O_C, Y_W=100

max (m) chromatic value, P35

chromatic value (A_3, B_3)



DE391−5A_1

X_w=103,66, Y_w=99,99, Z_w=52,43

x_w=0,4047 y_w=0,3904

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

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

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

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

a_{20} = 1, b_{20} = −0,4

m_{P1}=−0,169, b_{P1}=0,389

n = P35

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

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

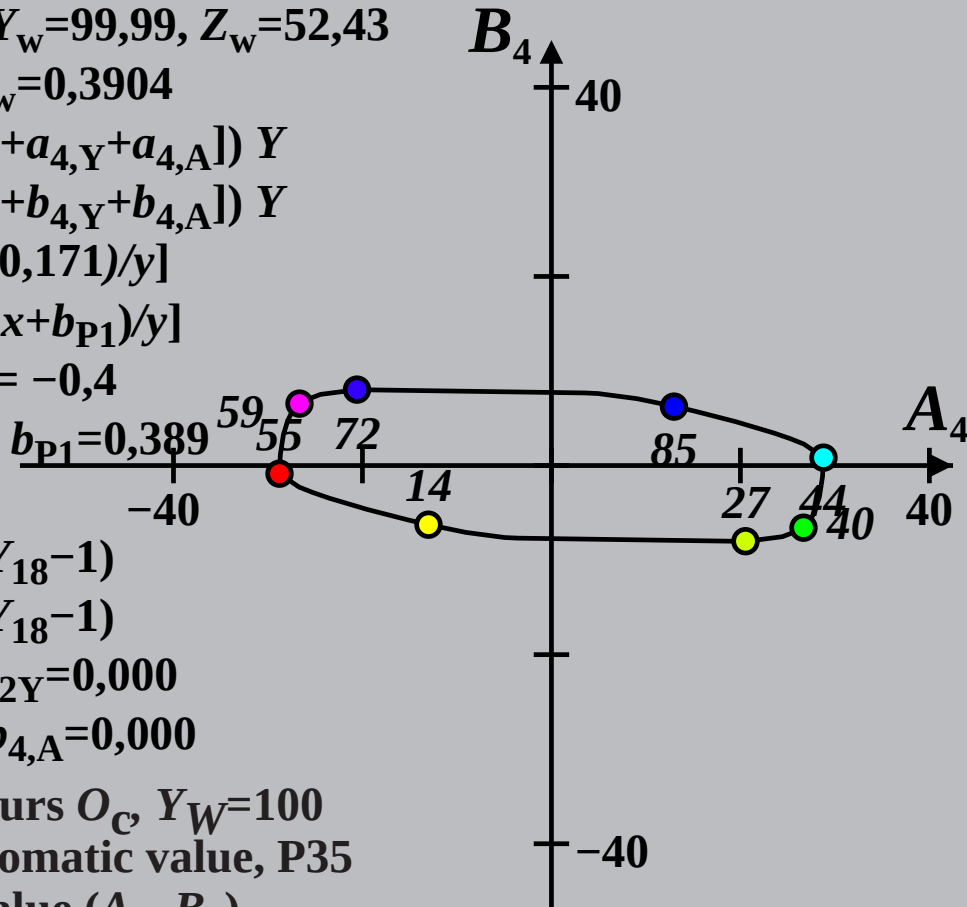
a_{2Y}=0,000, b_{2Y}=0,000

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

Ostwald colours O_C, Y_W=100

max (m) chromatic value, P35

chromatic value (A_4, B_4)



DE391−6A_1

X_W=103,66, Y_W=99,99, Z_W=52,43

x_W=0,4047 y_W=0,3904

$A_5=(a_5-[a_{5,n}+a_{5,Y}+a_{5,A}])\ Y$

$B_5=(b_5-[b_{5,n}+b_{5,Y}+b_{5,A}])\ Y$

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

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

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

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

n = P35

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

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

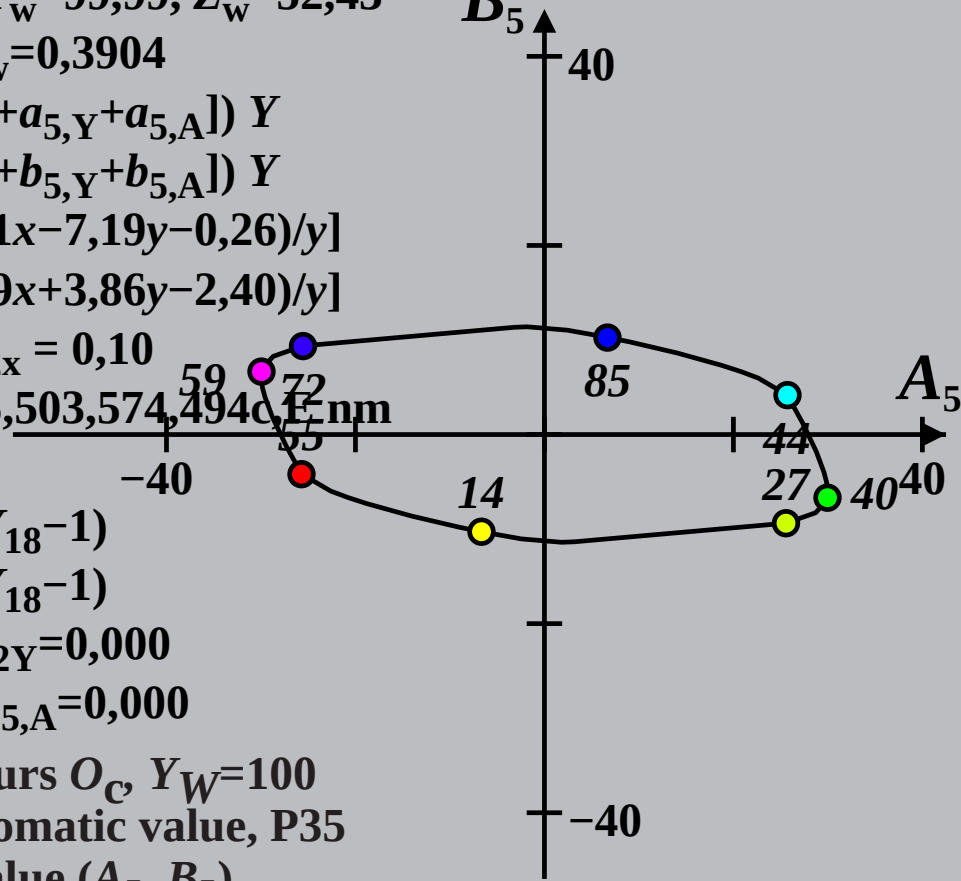
a_{2Y}=0,000, b_{2Y}=0,000

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

Ostwald colours O_C, Y_W=100

max (m) chromatic value, P35

chromatic value (A_5, B_5)



DE391−7A_1

X_w=103,66, Y_w=99,99, Z_w=52,43

x_w=0,4047 y_w=0,3904

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

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

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

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

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

m_{D1}=−0,974, b_{D1}=0,658

n = P35

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

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

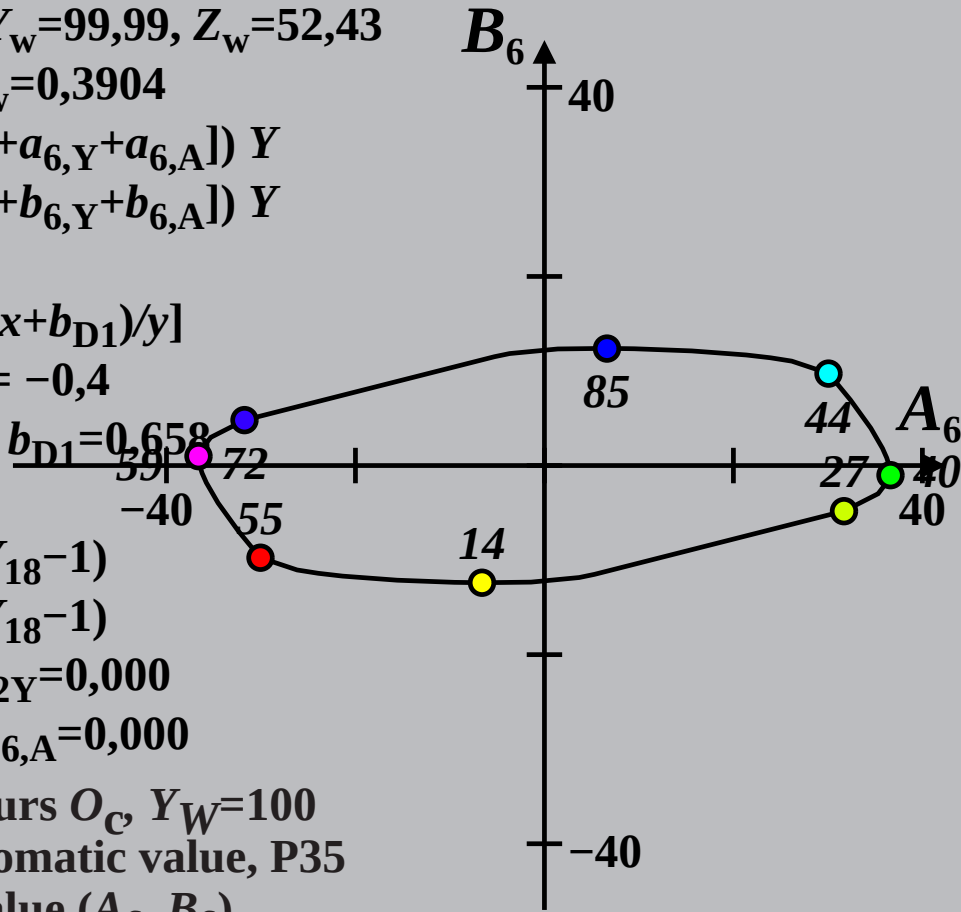
a_{2Y}=0,000, b_{2Y}=0,000

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

Ostwald colours O_C, Y_W=100

max (m) chromatic value, P35

chromatic value (A_6, B_6)



DE391−8A_1