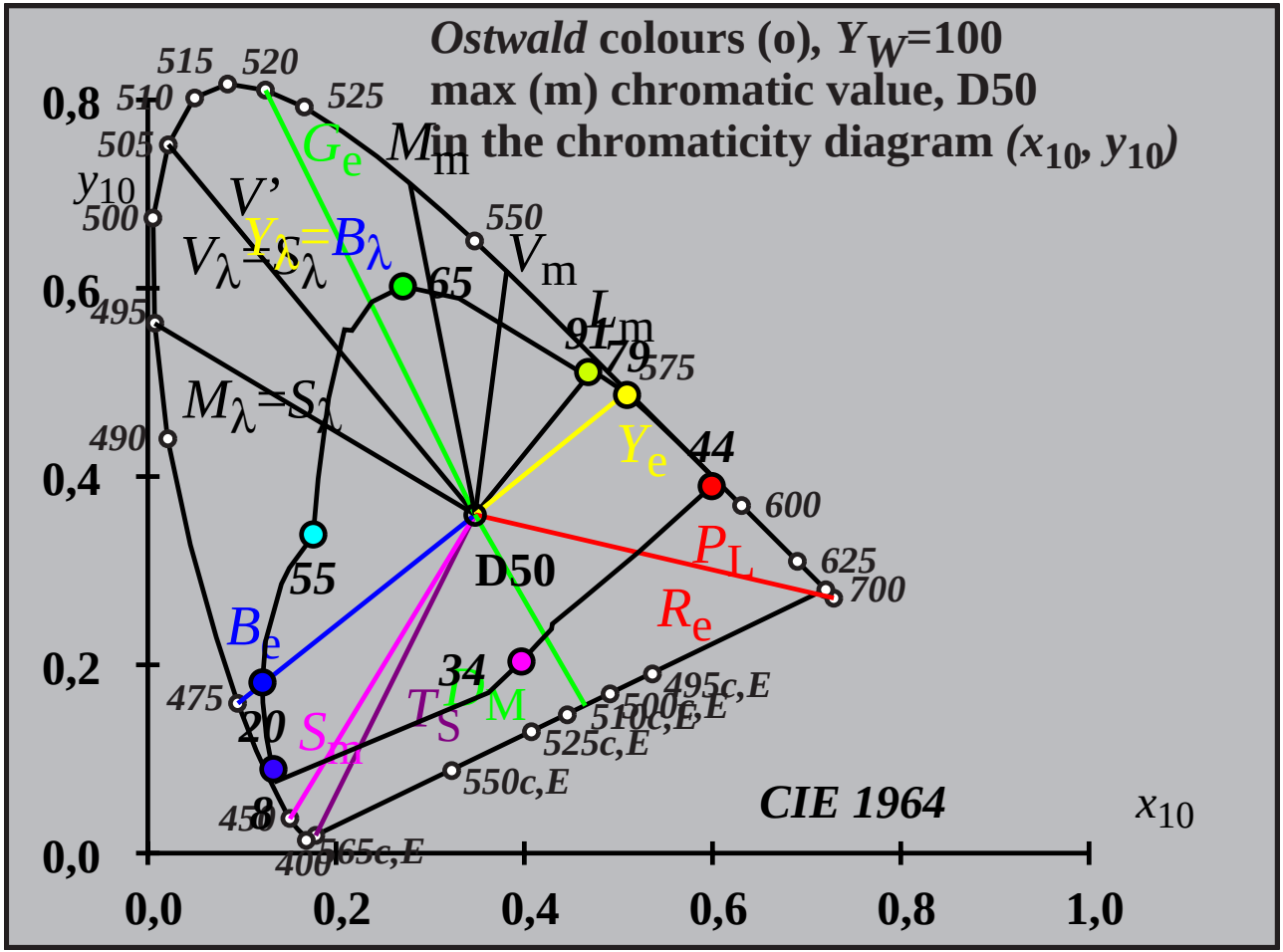

Ostwald colours (o), Y_W=100
max (m) chromatic value, D50
Min the chromaticity diagram (x_{10}, y_{10})
y_{10}
x_{10}
CIE 1964
0,0
0,2
0,4
0,6
0,8
1,0
515
520
510
525
505
500
495
490
475
450
400
550
575
600
625
700
495c,E
500c,E
510c,E
525c,E
550c,E
565c,E
G_e
M_m
V'
$Y_e=B_\lambda$
$V_\lambda=\bar{z}_\lambda$
V_m
L_m
$M_\lambda=S_\lambda$
Y_e
P_L
R_e
B_e
S_M
T_S
M
65
91
79
44
55
D50
34
20
8

BE381−1A_1

X_w=96,72, Y_w=99,99, Z_w=81,41

x_w=0,3477 y_w=0,3595

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

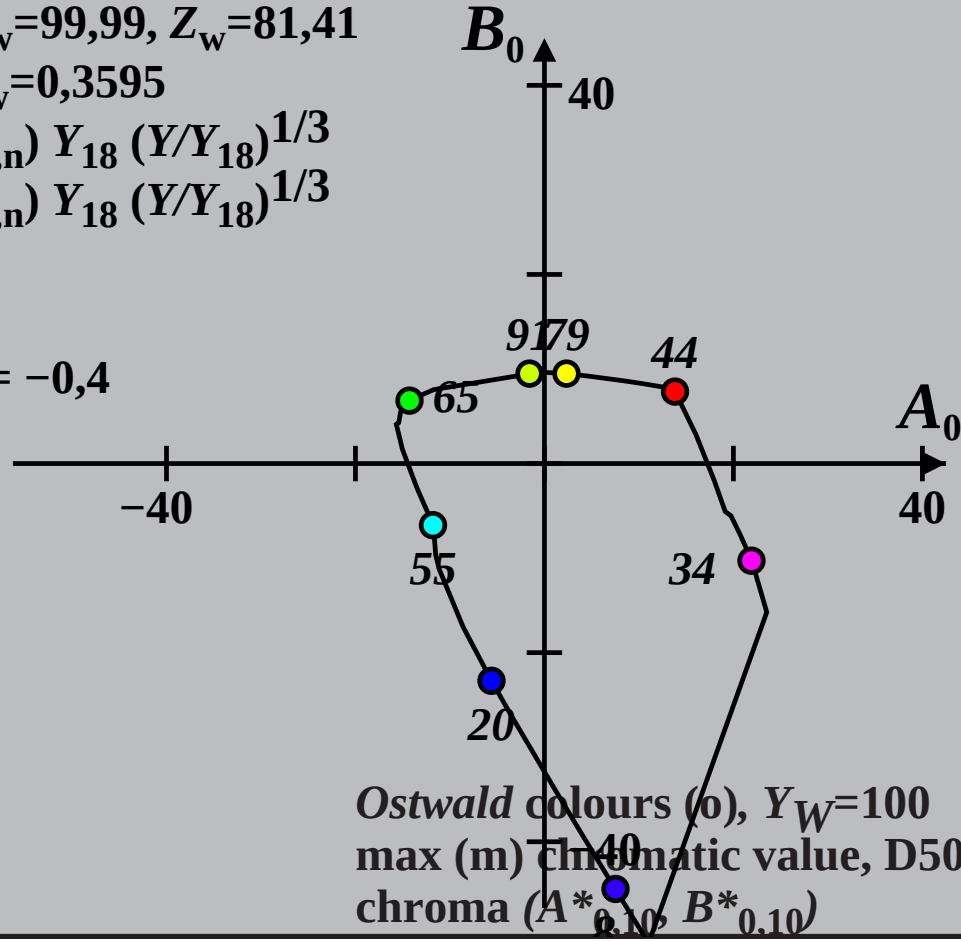
$B_0 = (b_0 - b_{0,n})\ Y_{18}\ (Y/Y_{18})^{1/3}$

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

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

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

n = D50



Ostwald colours (o), Y_W=100
max (m) chromatic value, D50
chroma ($A^*_{0,10}$, $B^*_{0,10}$)

X_w=96,72, Y_w=99,99, Z_w=81,41

x_w=0,3477 y_w=0,3595

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

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

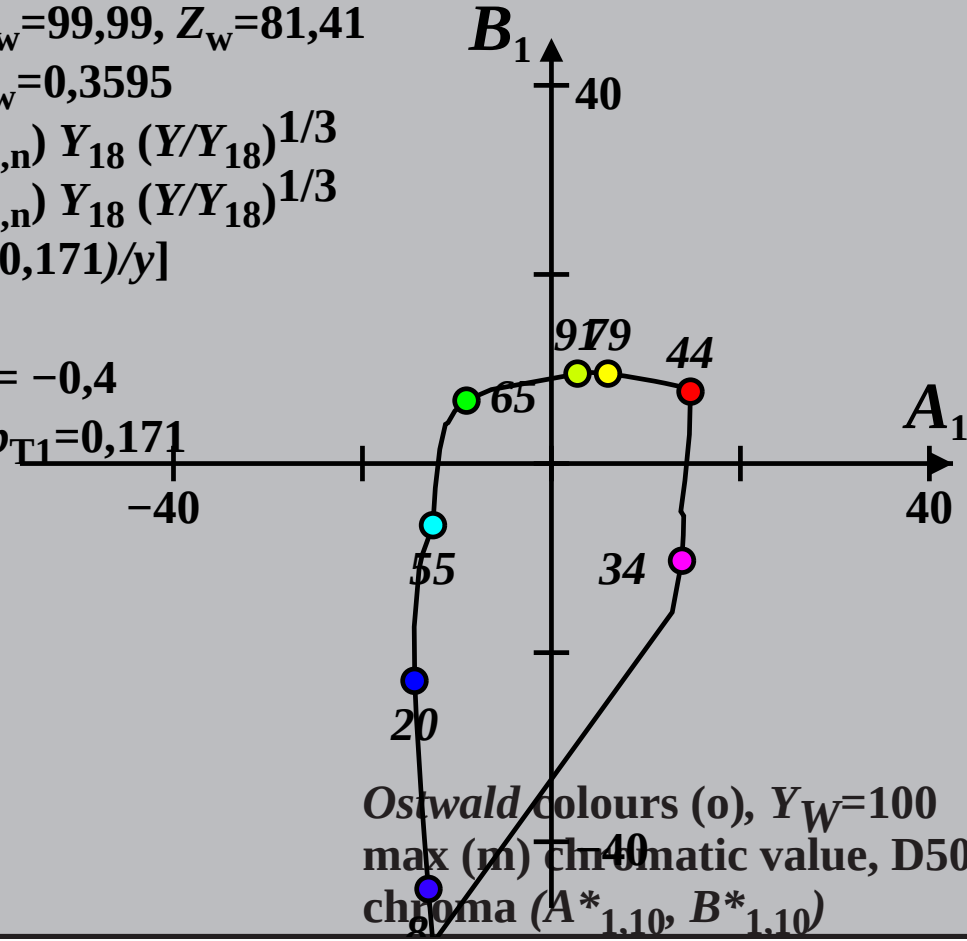
$a_1 = a_{20}\ [(x-0{,}171)/y]$

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

a_{20} = 1, b_{20} = −0,4

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

n = D50



Ostwald colours (o), Y_W=100
max (m) chromatic value, D50
chroma ($A^*_{1,10}$, $B^*_{1,10}$)

X_w=96,72, Y_w=99,99, Z_w=81,41

x_w=0,3477 y_w=0,3595

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

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

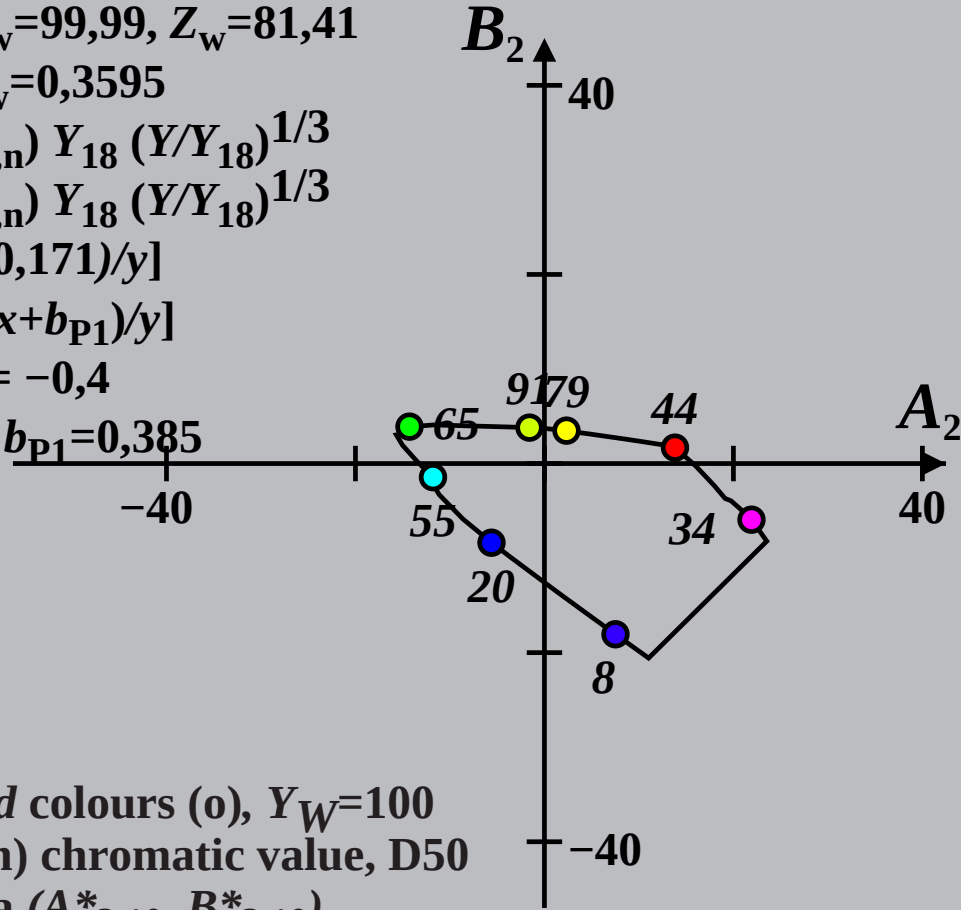
$a_2 = a_{20}\ [(x-0{,}171)/y]$

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

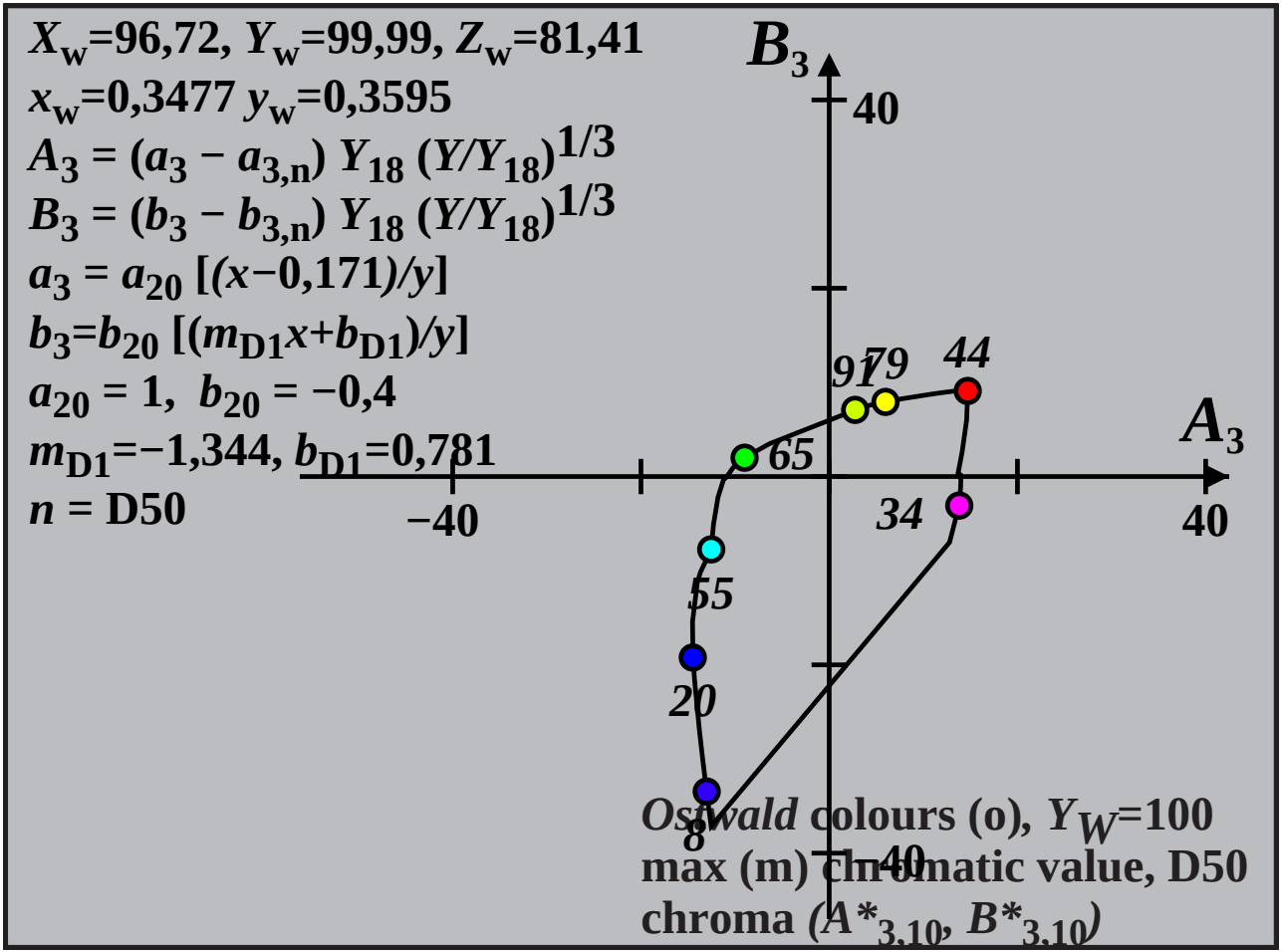
a_{20} = 1, b_{20} = −0,4

m_{P1}=−0,157, b_{P1}=0,385

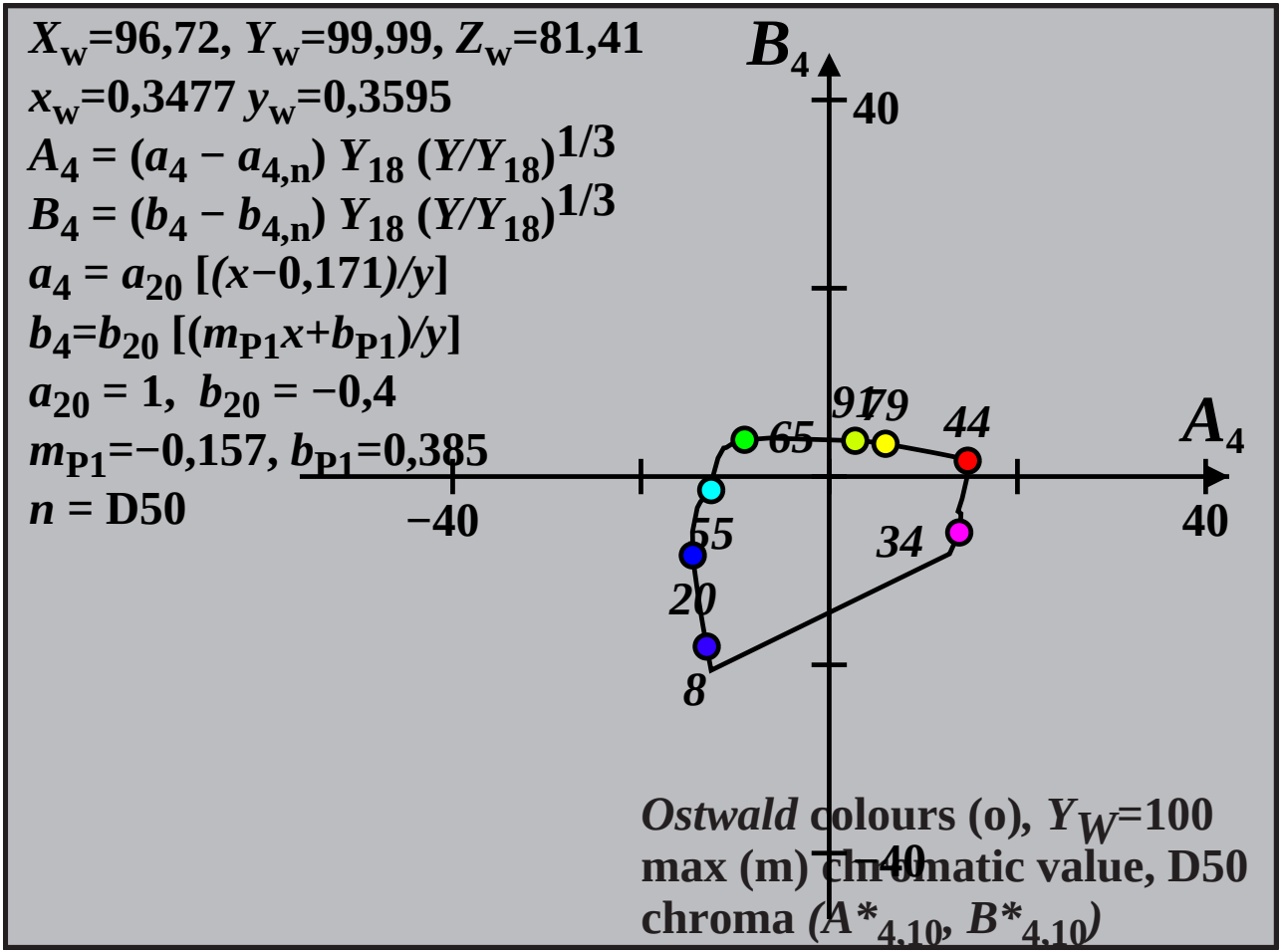
n = D50



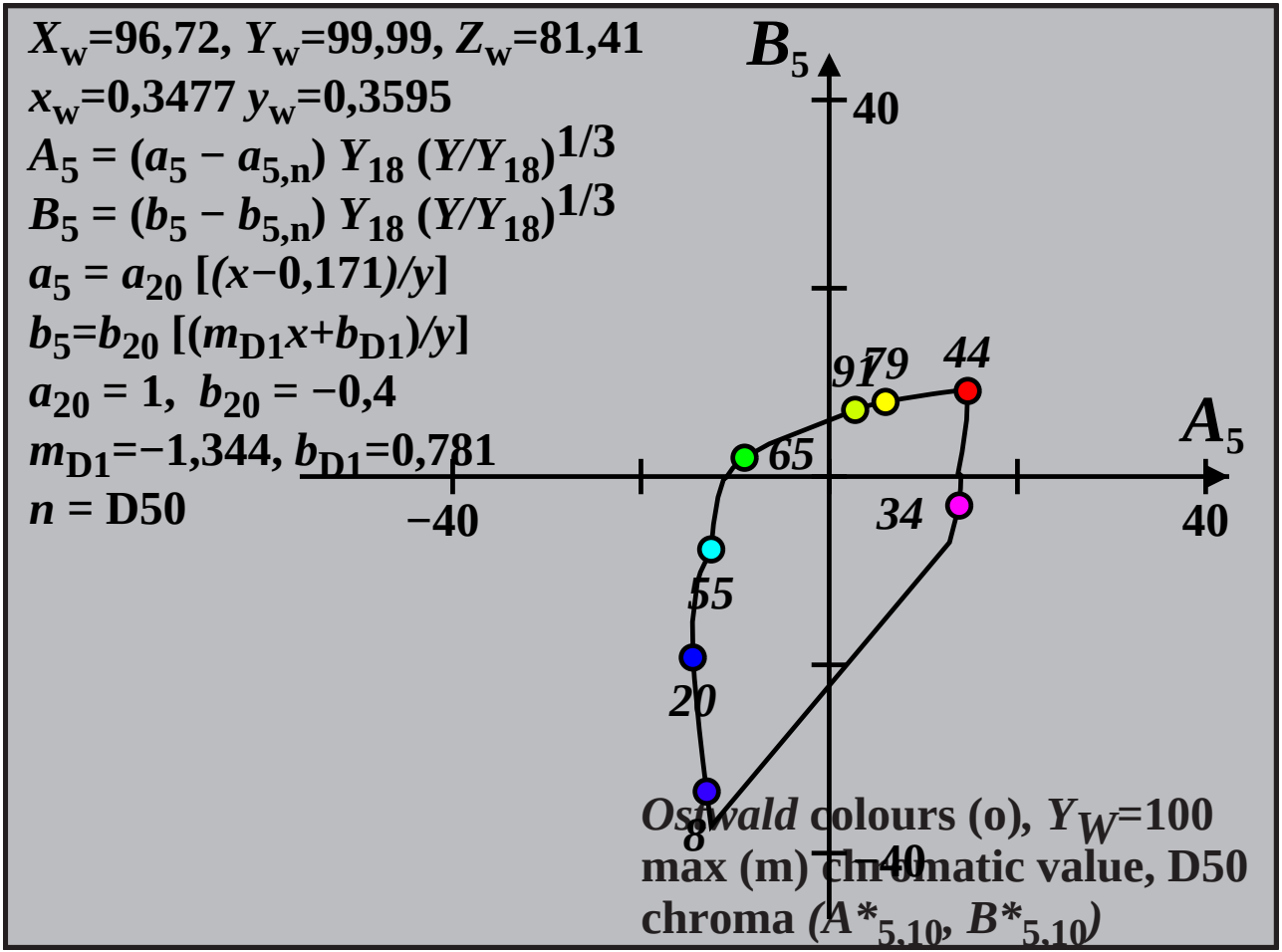
Ostwald colours (o), Y_W=100
max (m) chromatic value, D50
chroma ($A^*_{2,10}$, $B^*_{2,10}$)


X_w=96,72, Y_w=99,99, Z_w=81,41
x_w=0,3477 y_w=0,3595
$A_3 = (a_3 - a_{3,n})\ Y_{18}\ (Y/Y_{18})^{1/3}$
$B_3 = (b_3 - b_{3,n})\ Y_{18}\ (Y/Y_{18})^{1/3}$
$a_3 = a_{20}\ [(x-0{,}171)/y]$
$b_3 = b_{20}\ [(m_{D1}x+b_{D1})/y]$
a_{20} = 1, b_{20} = −0,4
m_{D1}=−1,344, b_{D1}=0,781
n = D50
B_3
40
−40
A_3
40
−40
91
79
44
65
34
55
20
8
Ostwald colours (o), Y_W=100
max (m) chromatic value, D50
chroma ($A^*_{3,10}$, $B^*_{3,10}$)

BE381−5A_1


X_w=96,72, Y_w=99,99, Z_w=81,41
x_w=0,3477 y_w=0,3595
$A_4 = (a_4 - a_{4,n})\ Y_{18}\ (Y/Y_{18})^{1/3}$
$B_4 = (b_4 - b_{4,n})\ Y_{18}\ (Y/Y_{18})^{1/3}$
$a_4 = a_{20}\ [(x-0{,}171)/y]$
$b_4 = b_{20}\ [(m_{P1}x+b_{P1})/y]$
a_{20} = 1, b_{20} = −0,4
m_{P1}=−0,157, b_{P1}=0,385
n = D50
B_4
40
−40
A_4
40
−40
97
79
65
44
55
34
20
8
Ostwald colours (o), Y_W=100
max (m) chromatic value, D50
chroma ($A^*_{4,10}$, $B^*_{4,10}$)

BE381−6A_1


X_w=96,72, Y_w=99,99, Z_w=81,41
x_w=0,3477 y_w=0,3595
$A_5 = (a_5 - a_{5,n})\ Y_{18}\ (Y/Y_{18})^{1/3}$
$B_5 = (b_5 - b_{5,n})\ Y_{18}\ (Y/Y_{18})^{1/3}$
$a_5 = a_{20}\ [(x-0{,}171)/y]$
$b_5 = b_{20}\ [(m_{D1}x + b_{D1})/y]$
a_{20} = 1, b_{20} = −0,4
m_{D1}=−1,344, b_{D1}=0,781
n = D50
B_5
40
A_5
−40
40
−40
91
79
44
65
34
55
20
8
Ostwald colours (o), Y_W=100
max (m) chromatic value, D50
chroma ($A^*_{5,10}$, $B^*_{5,10}$)

BE381−7A_1

X_w=96,72, Y_w=99,99, Z_w=81,41

x_w=0,3477 y_w=0,3595

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

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

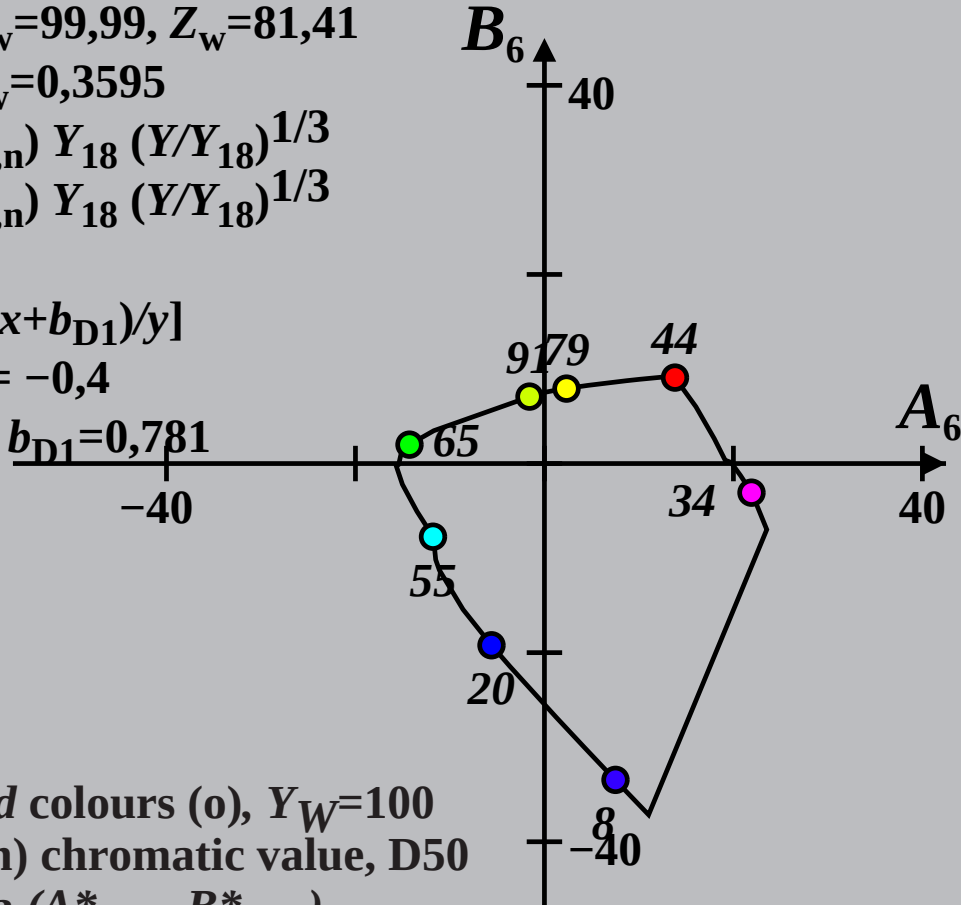
$a_6 = a_{20}\ [x/y]$

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

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

m_{D1}=−1,344, b_{D1}=0,781

n = D50



Ostwald colours (o), Y_W=100
max (m) chromatic value, D50
chroma ($A^*_{6,10}$, $B^*_{6,10}$)