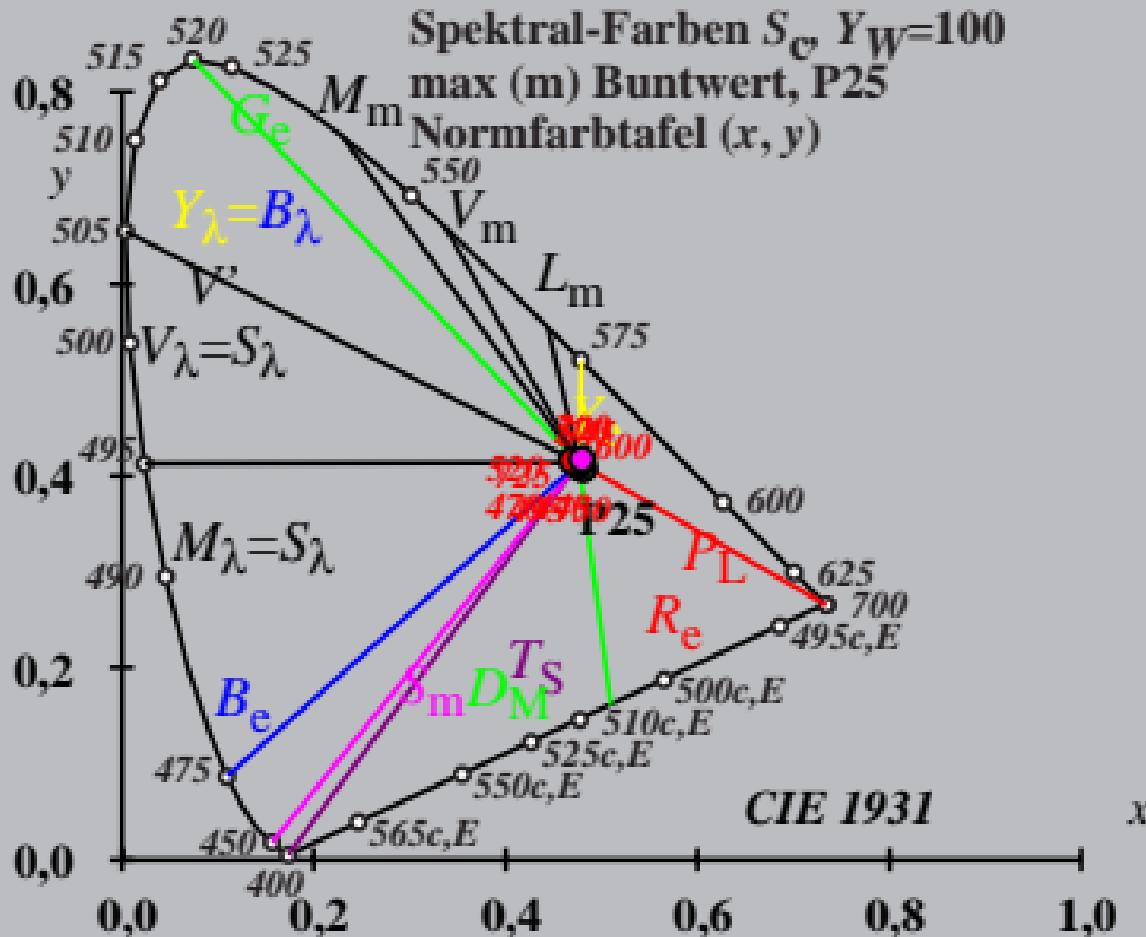


Spektral-Farben S_C , $Y_W=100$
 max (m) Buntwert, P25

Normfarbtafel (x, y)



CIE 1931

$X_w=115,18$, $Y_w=100,00$, $Z_w=26,59$

$x_w=0,4764$ $y_w=0,4136$

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

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

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

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

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

$n = P25$

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

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

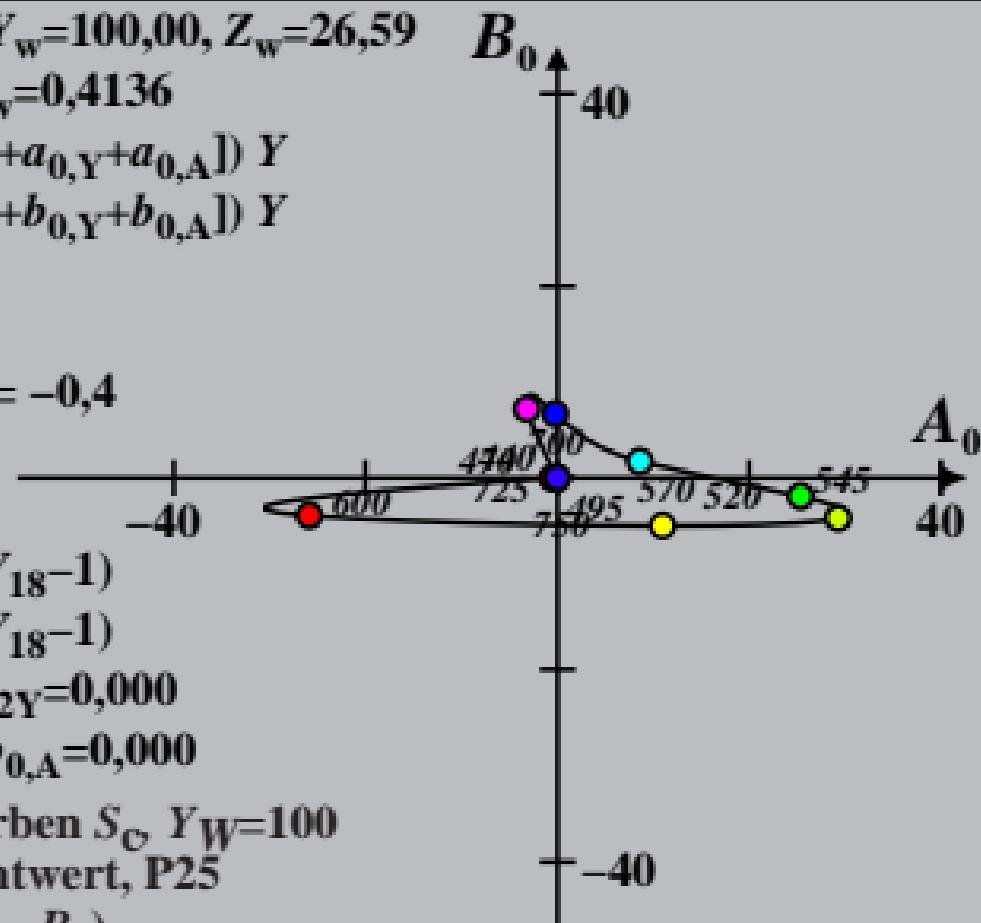
$a_{2Y} = 0,000$, $b_{2Y} = 0,000$

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

Spektral-Farben S_C , $Y_W=100$

max (m) Buntwert, P25

Buntwert (A_0 , B_0)



$X_w=115,18$, $Y_w=100,00$, $Z_w=26,59$

$x_w=0,4764$ $y_w=0,4136$

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

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

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

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

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

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

$n = P25$

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

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

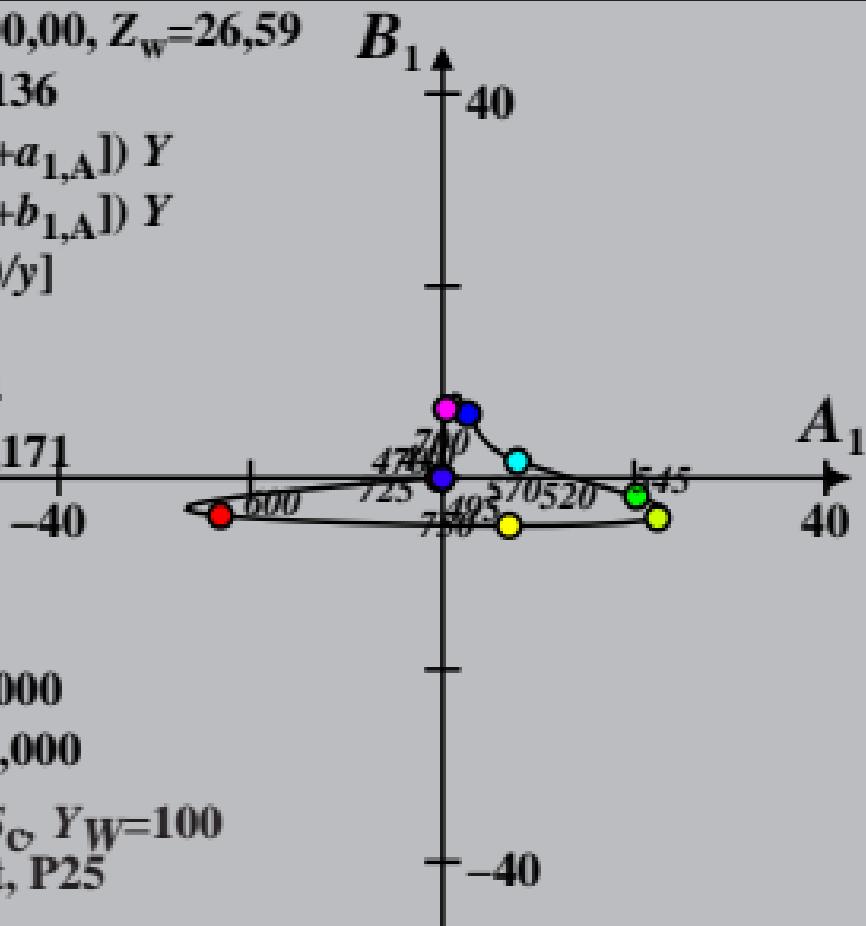
$a_{2Y}=0,000$, $b_{2Y}=0,000$

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

Spektral-Farben S_C , $Y_W=100$

max (m) Buntwert, P25

Buntwert (A_1, B_1)



$X_w=115,18$, $Y_w=100,00$, $Z_w=26,59$

$x_w=0,4764$ $y_w=0,4136$

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

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

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

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

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

$m_{P1}=-0,169$, $b_{P1}=0,389$

$n = P25$

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

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

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

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

Spektral-Farben S_C $Y_W=100$

max (m) Buntwert, P25

Buntwert (A_2 , B_2)

B_2

40

600
4990
75495

600
4990
520
545

A_2

40

-40

$X_w=115,18$, $Y_w=100,00$, $Z_w=26,59$

$x_w=0,4764$ $y_w=0,4136$

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

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

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

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

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

$m_{D1}=-0,974$, $b_{D1}=0,658$

$n = P25$

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

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

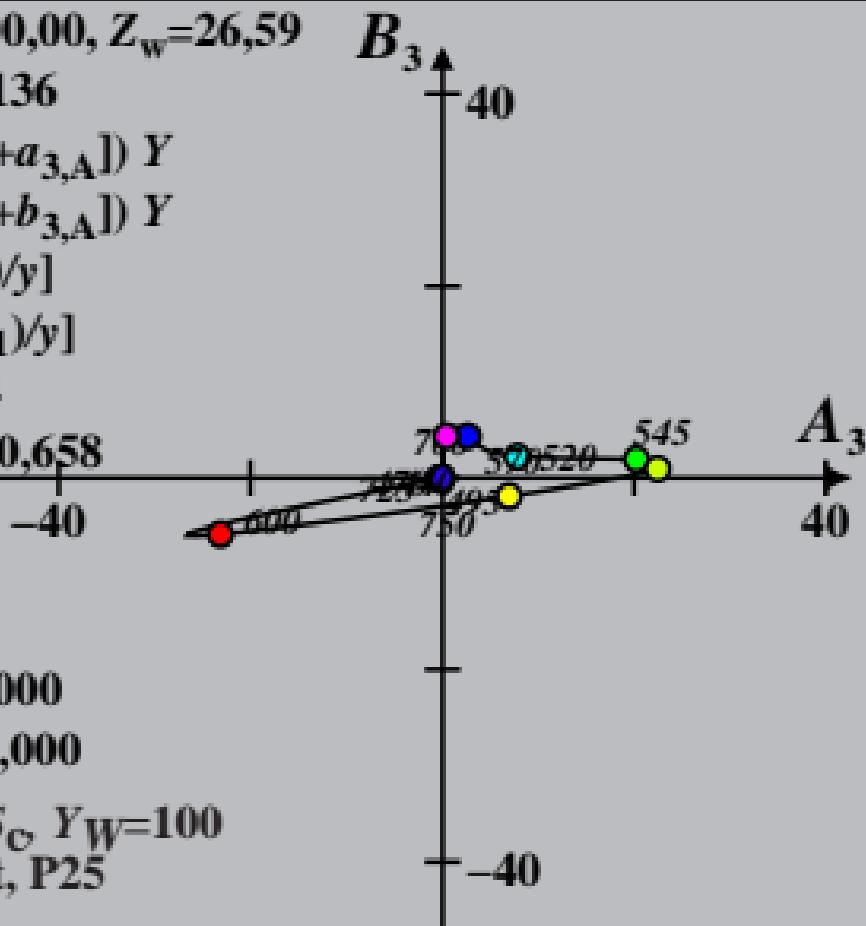
$a_{2Y}=0,000$, $b_{2Y}=0,000$

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

Spektral-Farben S_C , $Y_W=100$

max (m) Buntwert, P25

Buntwert (A_3 , B_3)



$X_w=115,18$, $Y_w=100,00$, $Z_w=26,59$

$x_w=0,4764$ $y_w=0,4136$

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

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

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

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

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

$m_{P1}=-0,169$, $b_{P1}=0,389$

$n = P25$

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

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

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

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

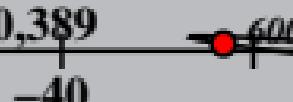
Spektral-Farben S_C , $Y_W=100$

max (m) Buntwert, P25

Buntwert (A_4 , B_4)

B_4

40



700

750

750

520

520

545

-40

A_4

40

$X_w=115,18$, $Y_w=100,00$, $Z_w=26,59$

$x_w=0,4764$ $y_w=0,4136$

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

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

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

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

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

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

$n = P25$

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

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

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

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

Spektral-Farben S_C $Y_W=100$

max (m) Buntwert, P25

Buntwert (A_5 , B_5)

B_5

40

-40

A_5

40

7395

520

545



$X_w=115,18$, $Y_w=100,00$, $Z_w=26,59$

$x_w=0,4764$ $y_w=0,4136$

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

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

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

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

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

$m_{D1} = -0,974$, $b_{D1} = 0,658$

$n = P25$

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

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

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

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

Spektral-Farben S_C , $Y_W=100$

max (m) Buntwert, P25

Buntwert (A_6 , B_6)

