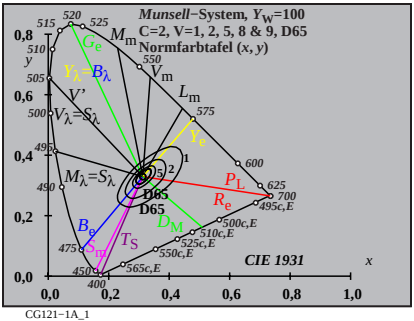


CG121−1A_1

X_w=95,04, Y_w=100,00, Z_w=108,89 B^*_0

x_w=0,3127 y_w=0,3290

$A^*_0=(a_0-[a_{0,n}+a_{0,Y}+a_{0,A}])Y_{18}(Y/Y_{18})^{1/3}$

$B^*_0=(b_0-[b_{0,n}+b_{0,Y}+b_{0,A}])Y_{18}(Y/Y_{18})^{1/3}$

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

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

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

n = D65

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

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

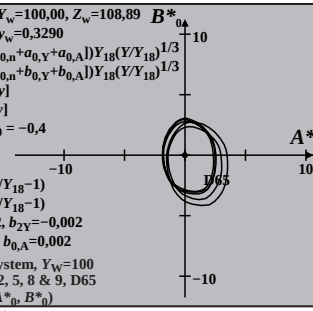
$a_{2Y}=-0{,}002,\ b_{2Y}=-0{,}002$

$a_{0,A}=0{,}003,\ b_{0,A}=0{,}002$

Munsell−System, Y_W=100

C=2, V=1, 2, 5, 8 & 9, D65

Buntheit (A^*_0, B^*_0)



CG121−2A_1

X_w=95,04, Y_w=100,00, Z_w=108,89 B^*_1

x_w=0,3127 y_w=0,3290

$A^*_1=(a_1-[a_{1,n}+a_{1,Y}+a_{1,A}])Y_{18}(Y/Y_{18})^{1/3}$

$B^*_1=(b_1-[b_{1,n}+b_{1,Y}+b_{1,A}])Y_{18}(Y/Y_{18})^{1/3}$

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

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

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

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

n = D65

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

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

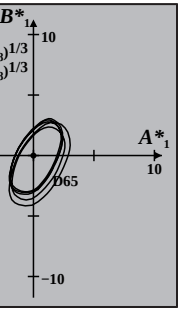
$a_{2Y}=-0{,}002,\ b_{2Y}=-0{,}002$

$a_{1,A}=0{,}003,\ b_{1,A}=0{,}002$

Munsell−System, Y_W=100

C=2, V=1, 2, 5, 8 & 9, D65

Buntheit (A^*_1, B^*_1)



CG121−3A_1

X_w=95,04, Y_w=100,00, Z_w=108,89 B^*_2

x_w=0,3127 y_w=0,3290

$A^*_2=(a_2-[a_{2,n}+a_{2,Y}+a_{2,A}])Y_{18}(Y/Y_{18})^{1/3}$

$B^*_2=(b_2-[b_{2,n}+b_{2,Y}+b_{2,A}])Y_{18}(Y/Y_{18})^{1/3}$

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

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

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

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

n = D65

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

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

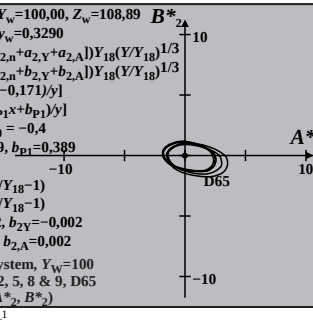
$a_{2Y}=-0{,}002,\ b_{2Y}=-0{,}002$

$a_{2,A}=0{,}003,\ b_{2,A}=0{,}002$

Munsell−System, Y_W=100

C=2, V=1, 2, 5, 8 & 9, D65

Buntheit (A^*_2, B^*_2)



CG121−4A_1

X_w=95,04, Y_w=100,00, Z_w=108,89 B^*_3

x_w=0,3127 y_w=0,3290

$A^*_3=(a_3-[a_{3,n}+a_{3,Y}+a_{3,A}])Y_{18}(Y/Y_{18})^{1/3}$

$B^*_3=(b_3-[b_{3,n}+b_{3,Y}+b_{3,A}])Y_{18}(Y/Y_{18})^{1/3}$

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

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

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

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

n = D65

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

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

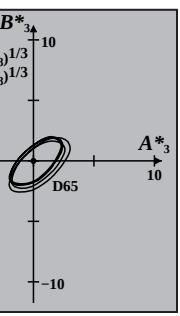
$a_{2Y}=-0{,}002,\ b_{2Y}=-0{,}002$

$a_{3,A}=0{,}003,\ b_{3,A}=0{,}002$

Munsell−System, Y_W=100

C=2, V=1, 2, 5, 8 & 9, D65

Buntheit (A^*_3, B^*_3)



CG121−5A_1

X_w=95,04, Y_w=100,00, Z_w=108,89 B^*_4

x_w=0,3127 y_w=0,3290

$A^*_4=(a_4-[a_{4,n}+a_{4,Y}+a_{4,A}])Y_{18}(Y/Y_{18})^{1/3}$

$B^*_4=(b_4-[b_{4,n}+b_{4,Y}+b_{4,A}])Y_{18}(Y/Y_{18})^{1/3}$

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

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

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

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

n = D65

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

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

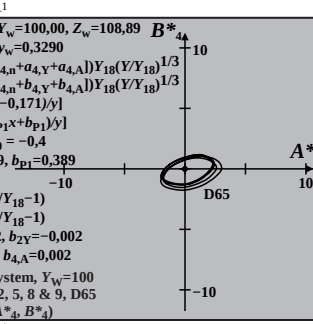
$a_{2Y}=-0{,}002,\ b_{2Y}=-0{,}002$

$a_{4,A}=0{,}003,\ b_{4,A}=0{,}002$

Munsell−System, Y_W=100

C=2, V=1, 2, 5, 8 & 9, D65

Buntheit (A^*_4, B^*_4)



CG121−6A_1

X_w=95,04, Y_w=100,00, Z_w=108,89 B^*_5

x_w=0,3127 y_w=0,3290

$A^*_5=(a_5-[a_{5,n}+a_{5,Y}+a_{5,A}])Y_{18}(Y/Y_{18})^{1/3}$

$B^*_5=(b_5-[b_{5,n}+b_{5,Y}+b_{5,A}])Y_{18}(Y/Y_{18})^{1/3}$

$a_5=a_{2x}[(0{,}86x-0{,}71y-0{,}026)/y]$

$b_5=b_{2x}[(0{,}19x+0{,}38y-0{,}24)/y]$

$a_{2x} = 1{,}00,\ b_{2x} = 1{,}00$

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

n = D65

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

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

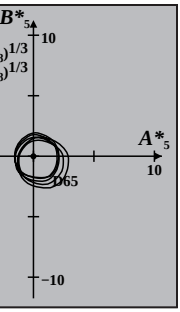
$a_{2Y}=-0{,}002,\ b_{2Y}=-0{,}002$

$a_{5,A}=0{,}003,\ b_{5,A}=0{,}002$

Munsell−System, Y_W=100

C=2, V=1, 2, 5, 8 & 9, D65

Buntheit (A^*_5, B^*_5)



CG121−7A_1

X_w=95,04, Y_w=100,00, Z_w=108,89 B^*_6

x_w=0,3127 y_w=0,3290

$A^*_6=(a_6-[a_{6,n}+a_{6,Y}+a_{6,A}])Y_{18}(Y/Y_{18})^{1/3}$

$B^*_6=(b_6-[b_{6,n}+b_{6,Y}+b_{6,A}])Y_{18}(Y/Y_{18})^{1/3}$

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

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

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

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

n = D65

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

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

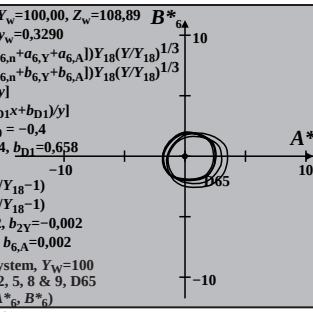
$a_{2Y}=-0{,}002,\ b_{2Y}=-0{,}002$

$a_{6,A}=0{,}003,\ b_{6,A}=0{,}002$

Munsell−System, Y_W=100

C=2, V=1, 2, 5, 8 & 9, D65

Buntheit (A^*_6, B^*_6)



CG121−8A_1