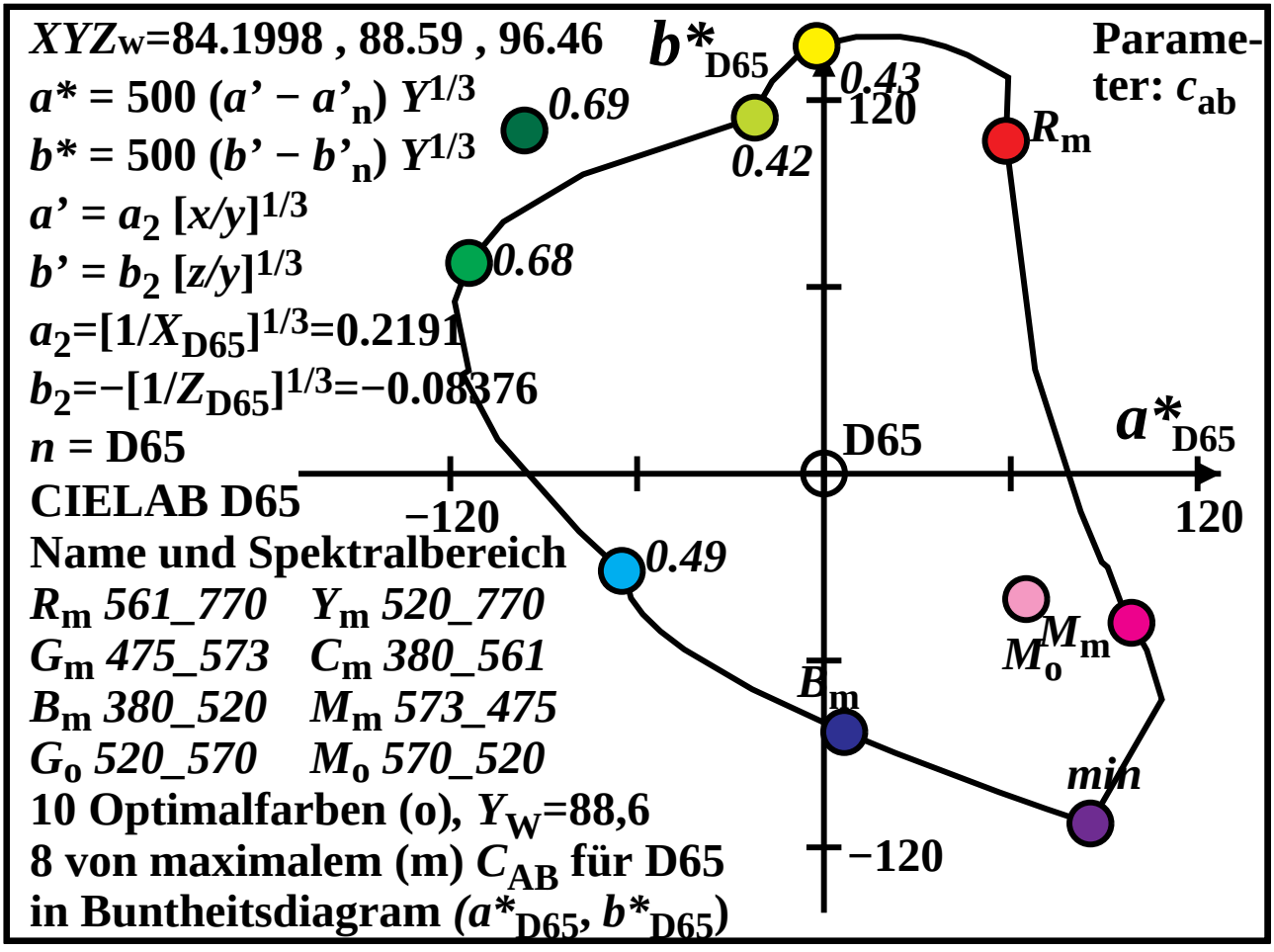
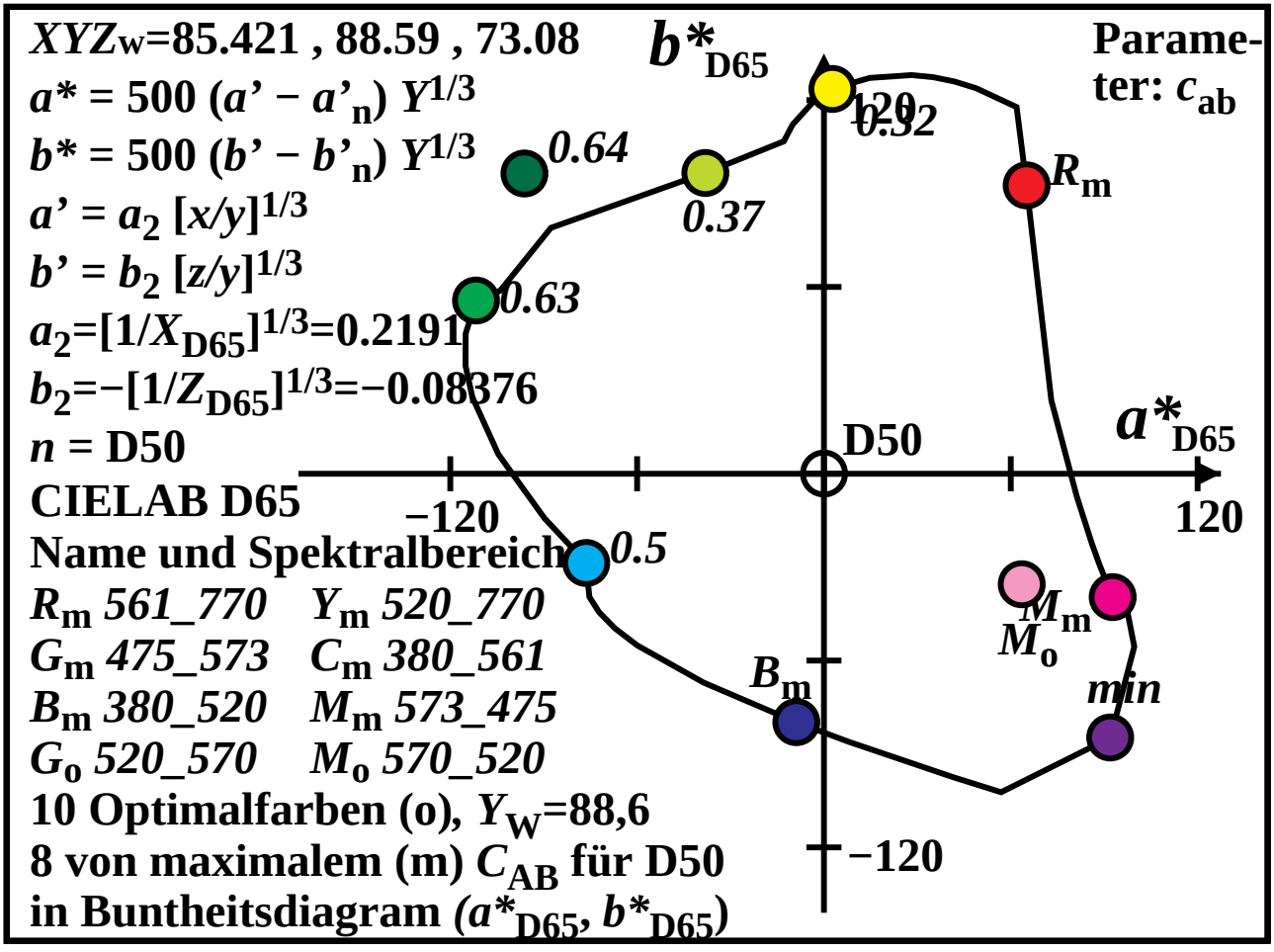
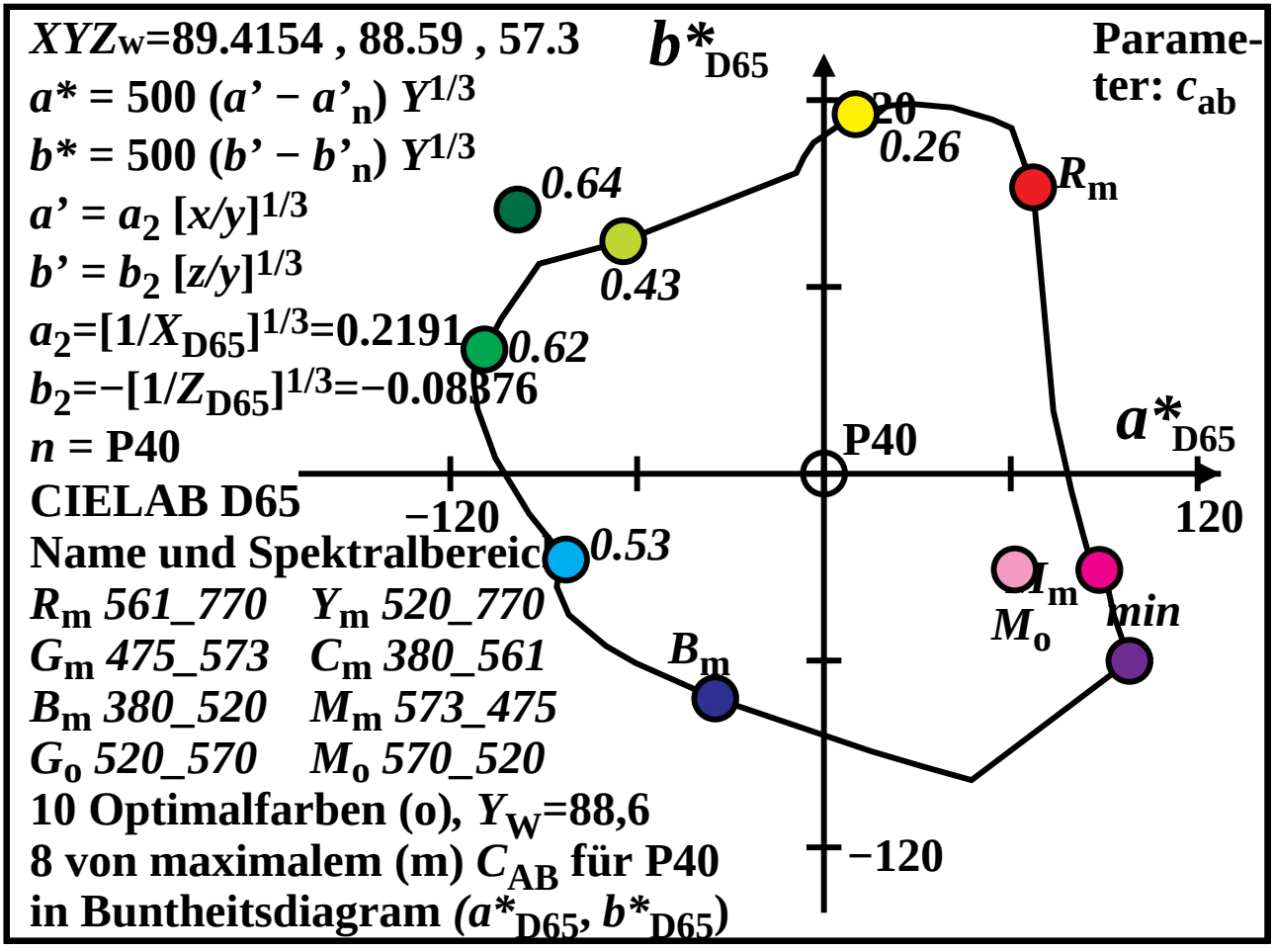
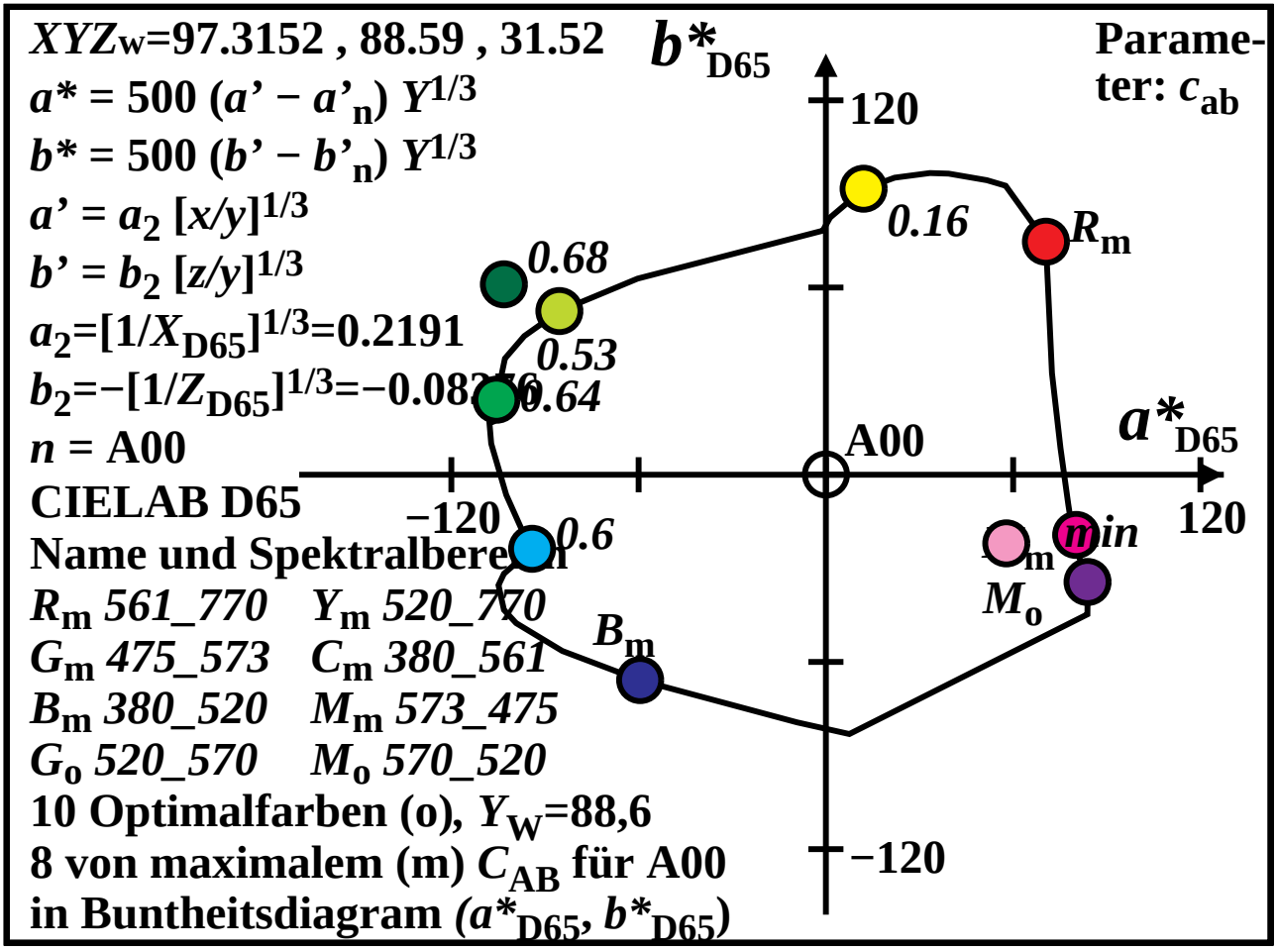
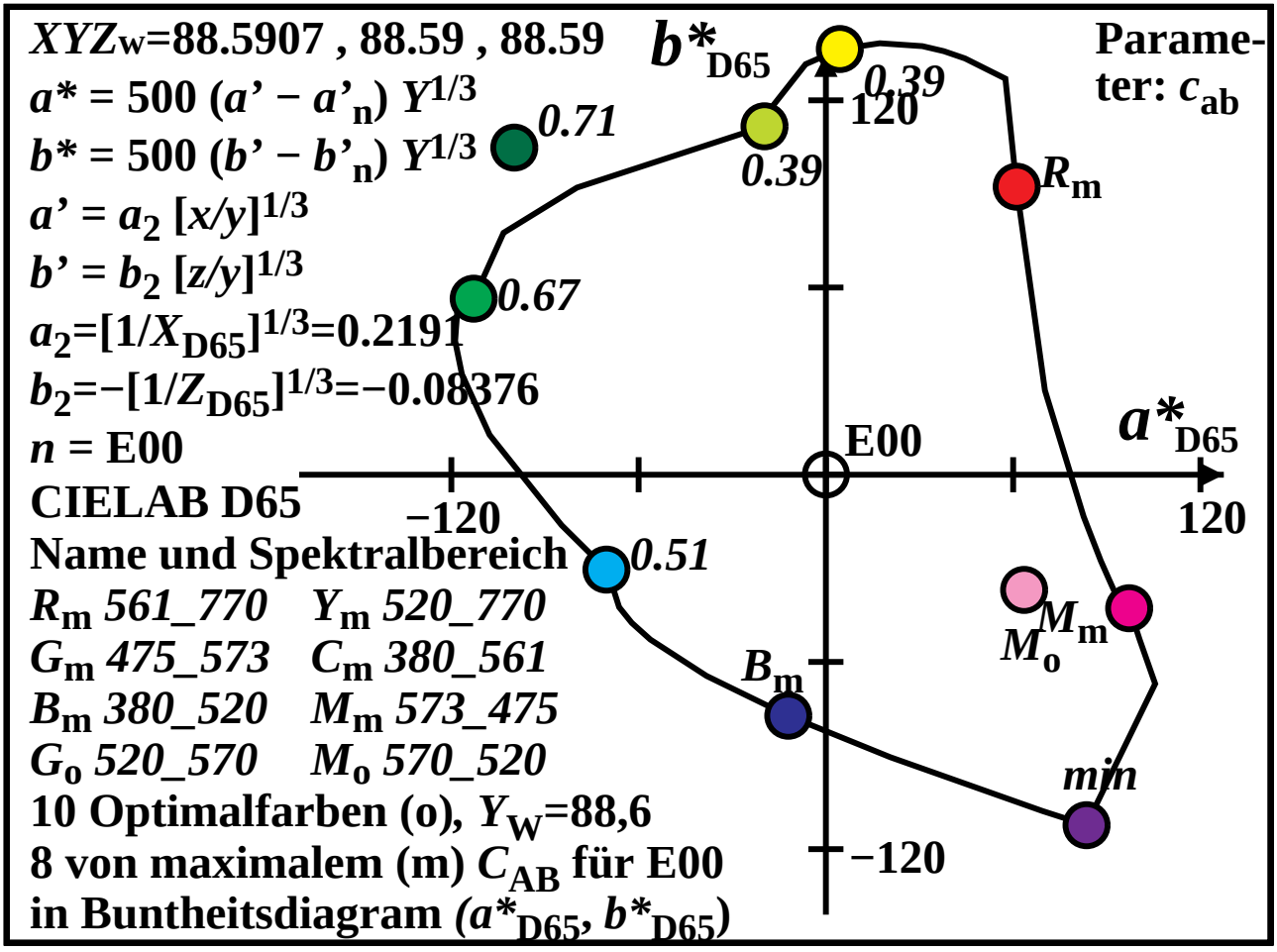
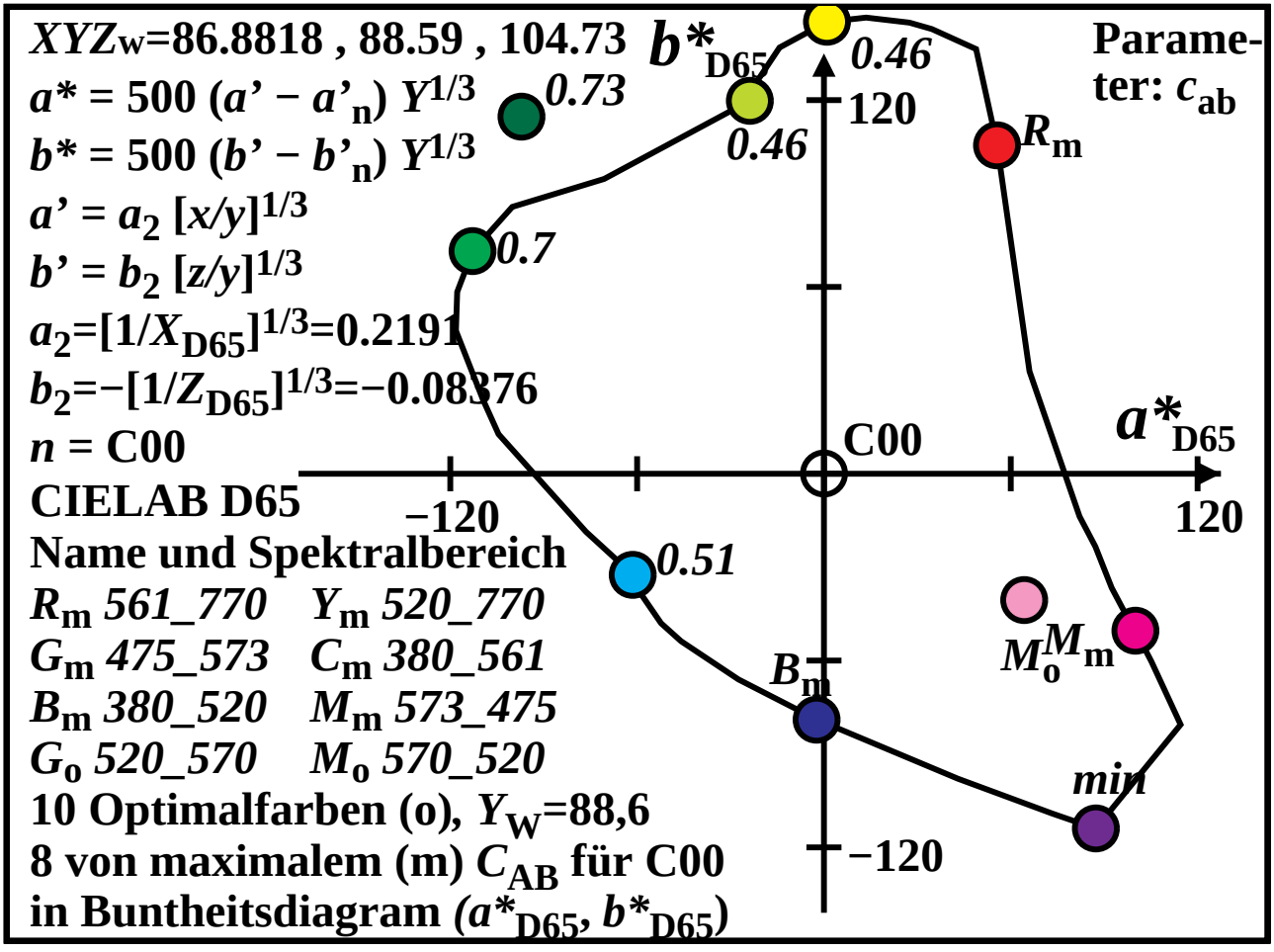

XYZw=84.1998 , 88.59 , 96.46
a* = 500 (a' − a'n) Y1/3
b* = 500 (b' − b'n) Y1/3
a' = a2 [x/y]1/3
b' = b2 [z/y]1/3
a2=[1/XD65]1/3=0.2191
b2=−[1/ZD65]1/3=−0.08376
n = D65
CIELAB D65
Name und Spektralbereich
Rm 561_770 Ym 520_770
Gm 475_573 Cm 380_561
Bm 380_520 Mm 573_475
Go 520_570 Mo 570_520
10 Optimalfarben (o), YW=88,6
8 von maximalem (m) CAB für D65
in Buntheitsdiagram (a*D65, b*D65)
b*D65
a*D65
D65
120
−120
0.43
0.69
0.42
0.68
0.49
Rm
Mm
Mo
Bm
min
Parame-
ter: cab

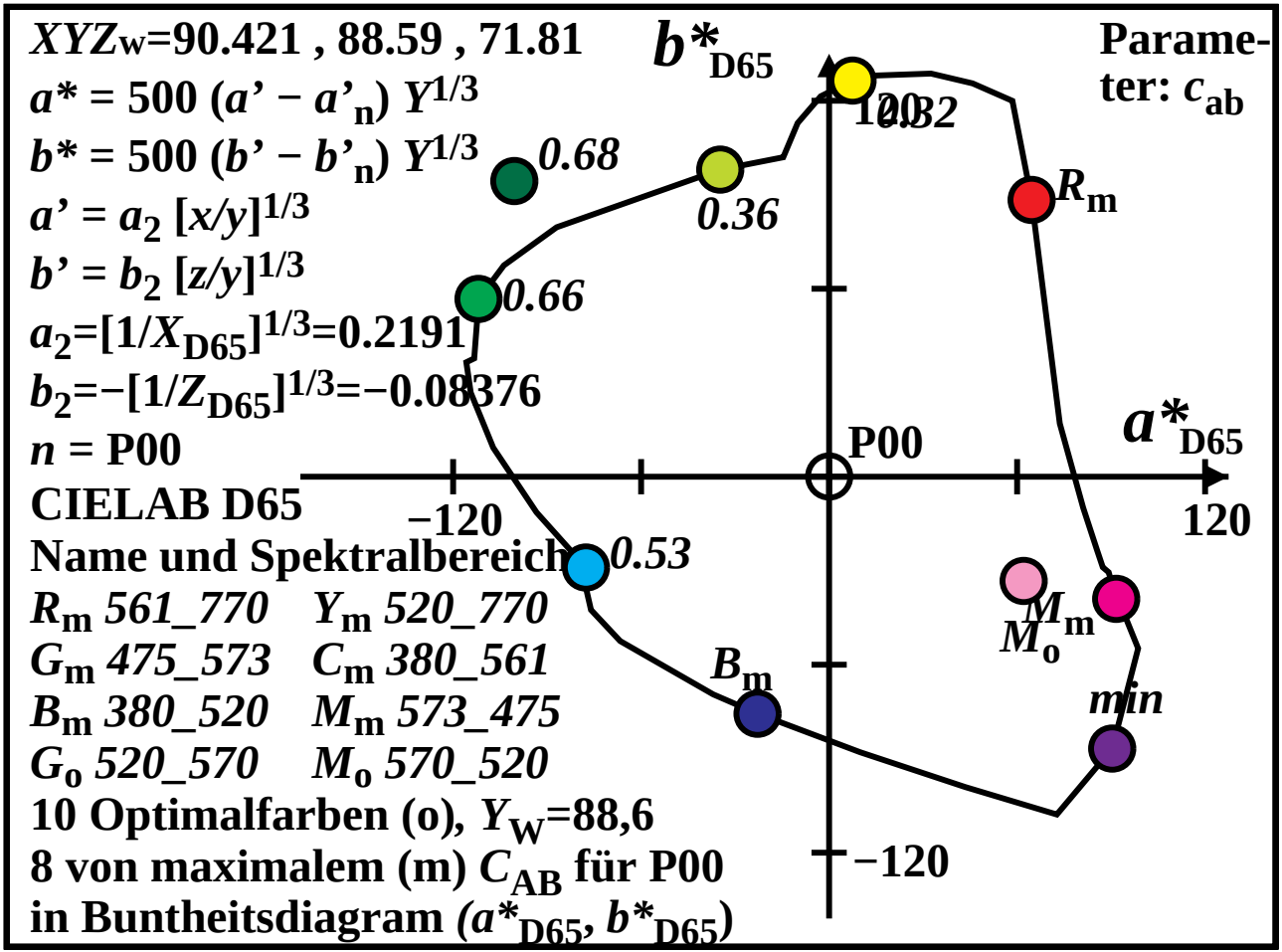

XYZw=85.421 , 88.59 , 73.08
a* = 500 (a' − a'n) Y1/3
b* = 500 (b' − b'n) Y1/3
a' = a2 [x/y]1/3
b' = b2 [z/y]1/3
a2=[1/XD65]1/3=0.2191
b2=−[1/ZD65]1/3=−0.08376
n = D50
CIELAB D65
Name und Spektralbereich
Rm 561_770 Ym 520_770
Gm 475_573 Cm 380_561
Bm 380_520 Mm 573_475
Go 520_570 Mo 570_520
10 Optimalfarben (o), YW=88,6
8 von maximalem (m) CAB für D50
in Buntheitsdiagram (a*D65, b*D65)
b*D65
a*D65
Parame-
ter: cab
D50
−120
120
−120
0.64
0.37
0.32
0.63
0.5
Rm
Mm
Mo
Bm
min

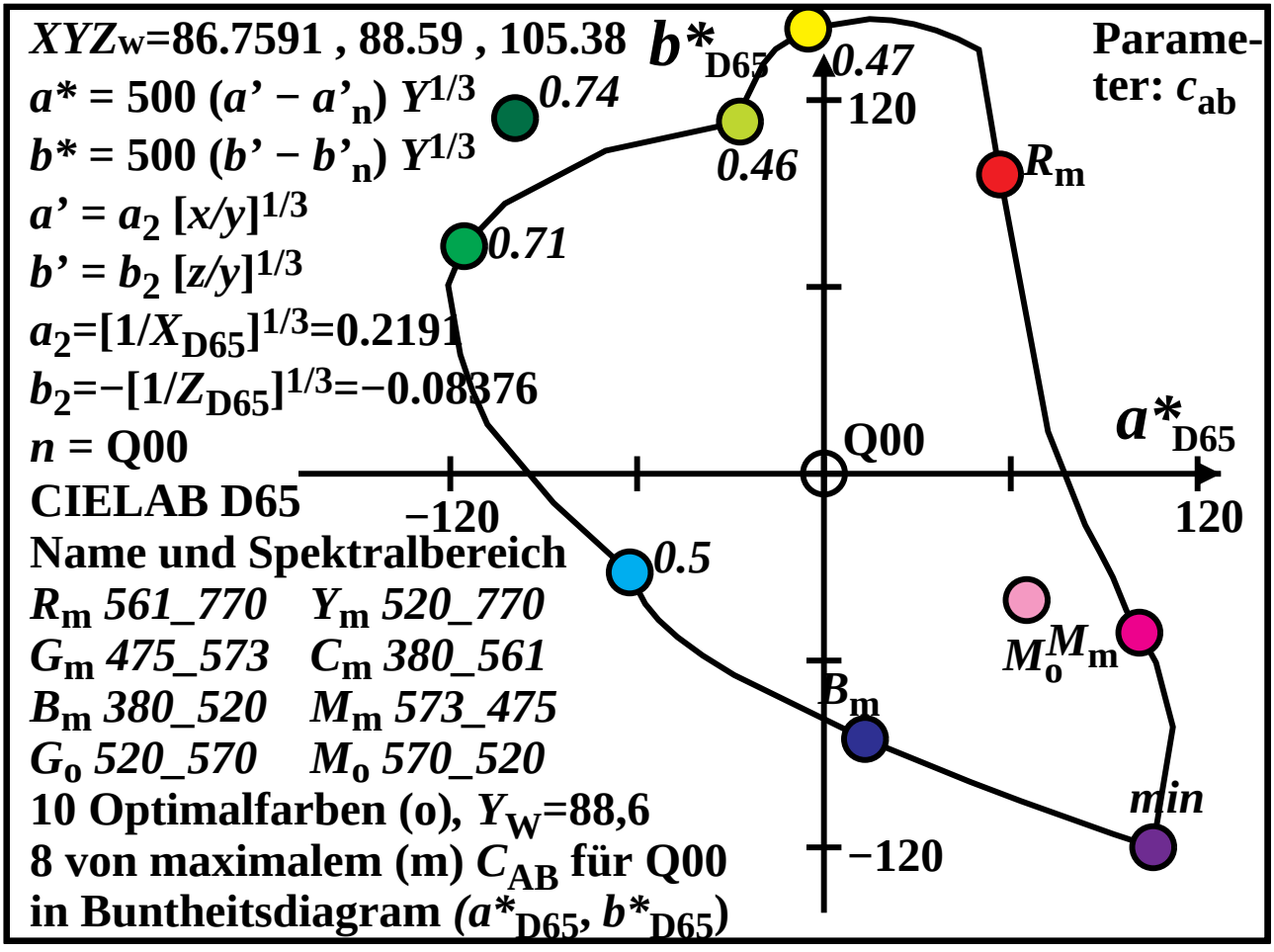

XYZw=89.4154 , 88.59 , 57.3
a* = 500 (a' − a'n) Y1/3
b* = 500 (b' − b'n) Y1/3
a' = a2 [x/y]1/3
b' = b2 [z/y]1/3
a2=[1/XD65]1/3=0.2191
b2=−[1/ZD65]1/3=−0.08376
n = P40
CIELAB D65
Name und Spektralbereic
Rm 561_770 Ym 520_770
Gm 475_573 Cm 380_561
Bm 380_520 Mm 573_475
Go 520_570 Mo 570_520
10 Optimalfarben (o), YW=88,6
8 von maximalem (m) CAB für P40
in Buntheitsdiagram (a*D65, b*D65)
b*D65
a*D65
Parame-
ter: cab
20
0.26
Rm
0.64
0.43
0.62
P40
−120
120
0.53
Im
Mo
min
Bm
−120

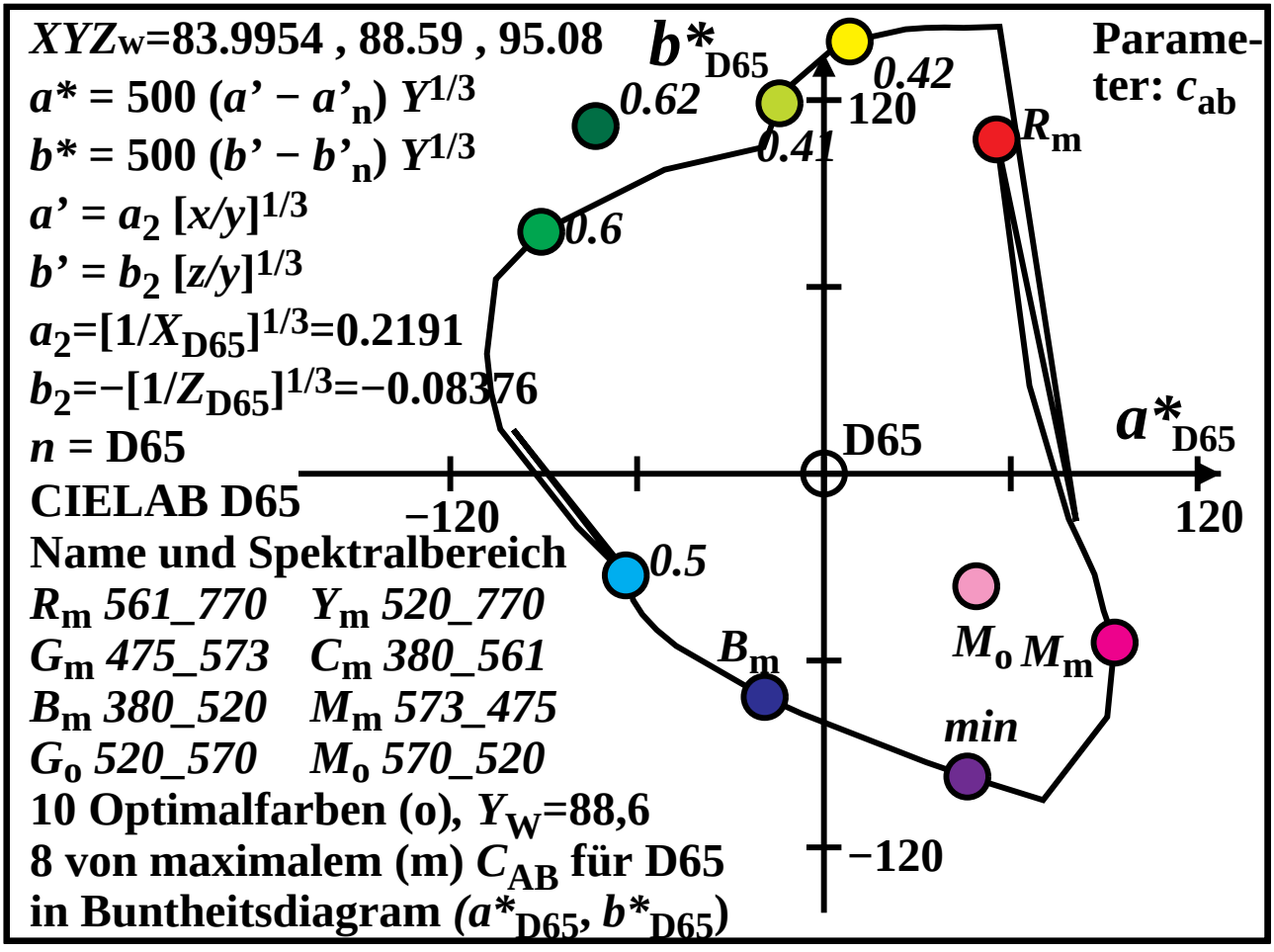

XYZw=97.3152 , 88.59 , 31.52
a* = 500 (a' − a'n) Y1/3
b* = 500 (b' − b'n) Y1/3
a' = a2 [x/y]1/3
b' = b2 [z/y]1/3
a2=[1/XD65]1/3=0.2191
b2=−[1/ZD65]1/3=−0.0827
n = A00
CIELAB D65
Name und Spektralbereich
Rm 561_770 Ym 520_770
Gm 475_573 Cm 380_561
Bm 380_520 Mm 573_475
Go 520_570 Mo 570_520
10 Optimalfarben (o), YW=88,6
8 von maximalem (m) CAB für A00
in Buntheitsdiagram (a*D65, b*D65)
b*D65
Parame-
ter: cab
120
0.16
Rm
0.68
0.53
0.64
A00
a*D65
−120
120
0.6
min
Ym
Mo
Bm
−120

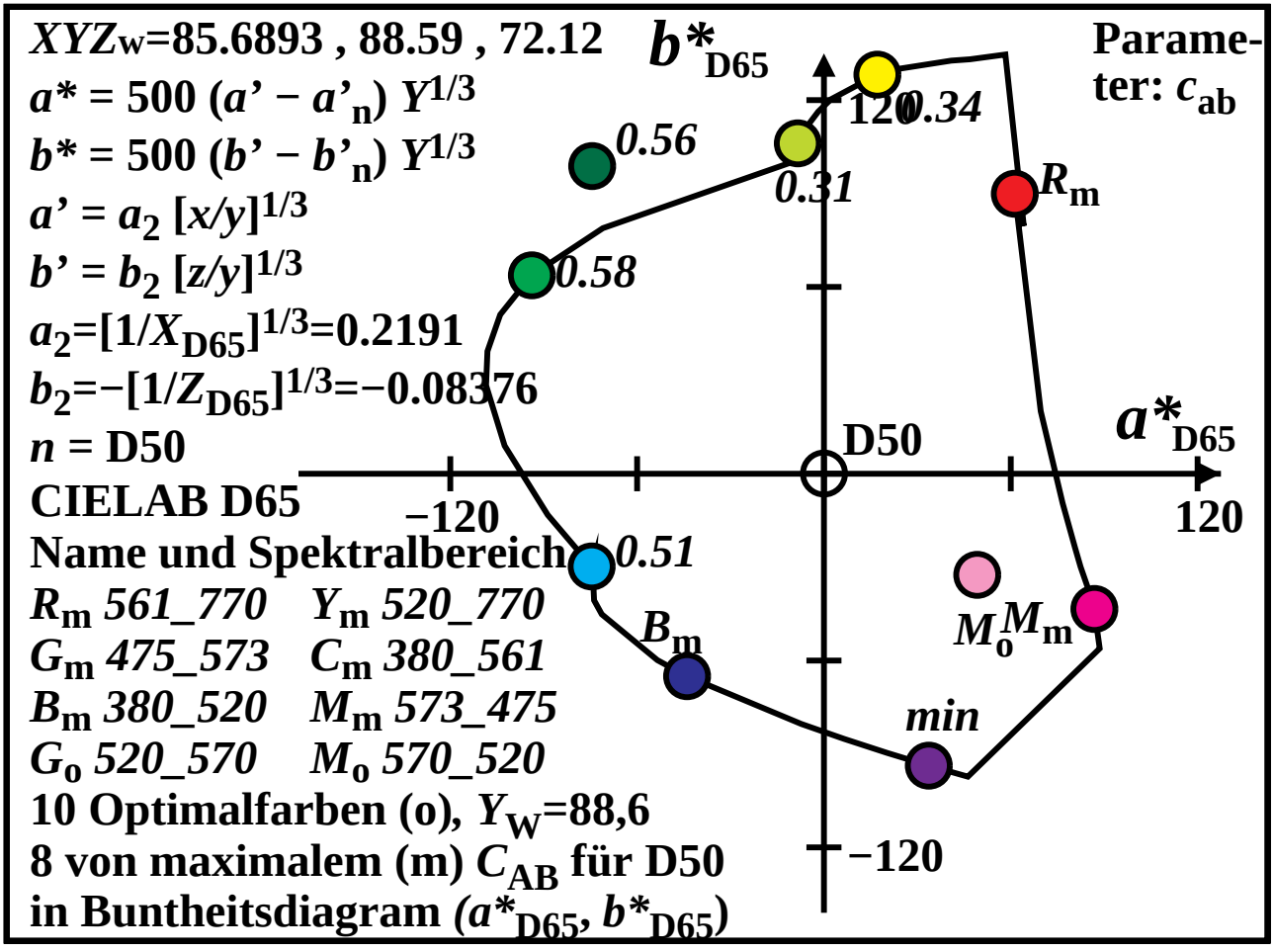

XYZw=88.5907 , 88.59 , 88.59
a* = 500 (a' − a'n) Y1/3
b* = 500 (b' − b'n) Y1/3
a' = a2 [x/y]1/3
b' = b2 [z/y]1/3
a2=[1/XD65]1/3=0.2191
b2=−[1/ZD65]1/3=−0.08376
n = E00
CIELAB D65
Name und Spektralbereich
Rm 561_770 Ym 520_770
Gm 475_573 Cm 380_561
Bm 380_520 Mm 573_475
Go 520_570 Mo 570_520
10 Optimalfarben (o), YW=88,6
8 von maximalem (m) CAB für E00
in Buntheitsdiagram (a*D65, b*D65)
b*D65
a*D65
Parame-
ter: cab
0.71
0.39
0.39
0.67
0.51
120
−120
E00
120
−120
Rm
Mm
Mo
Bm
min

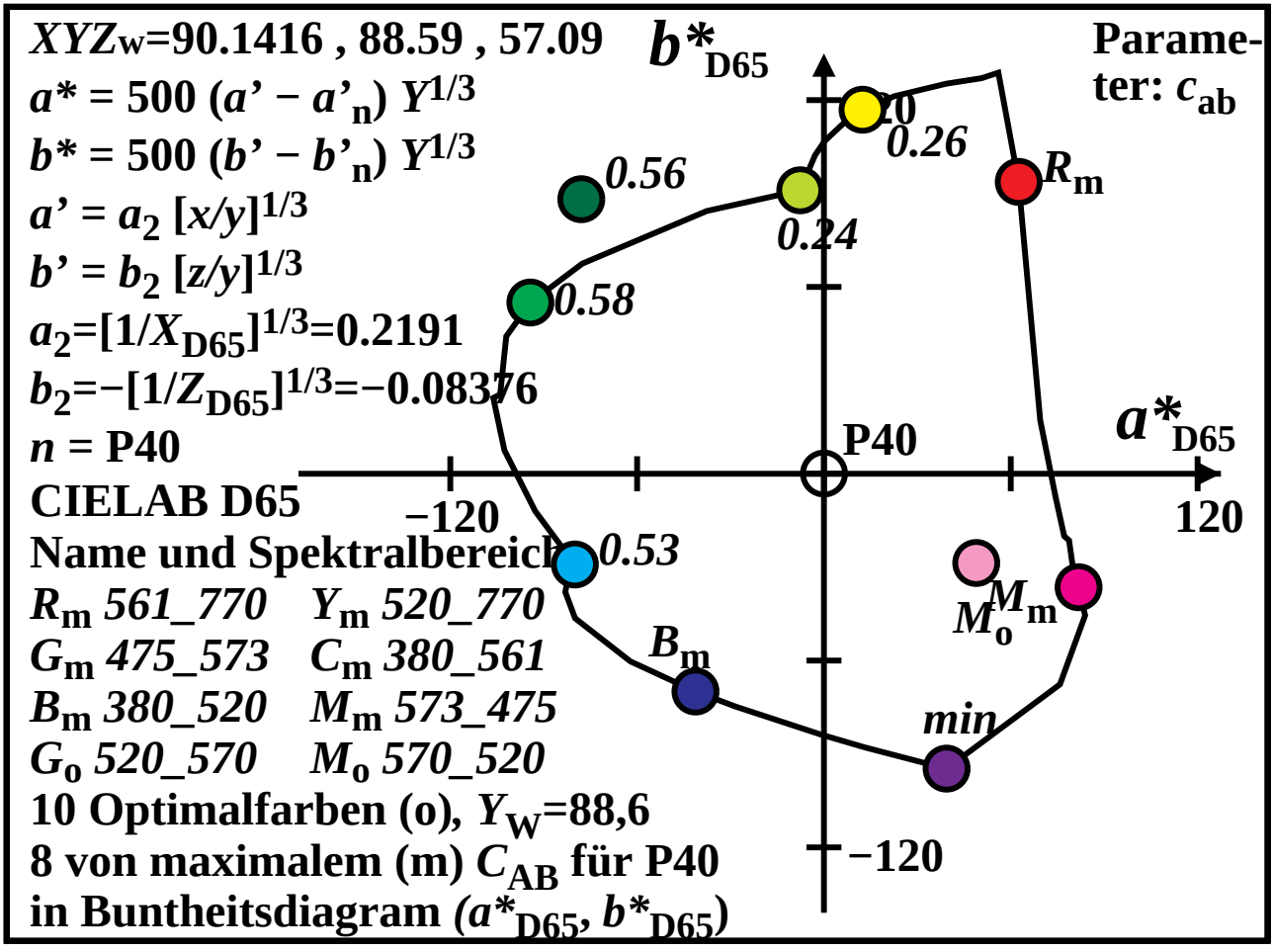

XYZw=86.8818 , 88.59 , 104.73
a* = 500 (a' − a'n) Y1/3
b* = 500 (b' − b'n) Y1/3
a' = a2 [x/y]1/3
b' = b2 [z/y]1/3
a2=[1/XD65]1/3=0.2191
b2=−[1/ZD65]1/3=−0.08376
n = C00
CIELAB D65
Name und Spektralbereich
Rm 561_770 Ym 520_770
Gm 475_573 Cm 380_561
Bm 380_520 Mm 573_475
Go 520_570 Mo 570_520
10 Optimalfarben (o), YW=88,6
8 von maximalem (m) CAB für C00
in Buntheitsdiagram (a*D65, b*D65)
b*D65
0.46
120
0.73
0.46
Rm
0.7
C00
a*D65
−120
120
0.51
Mo
Mm
Bm
min
−120
Parame-
ter: cab

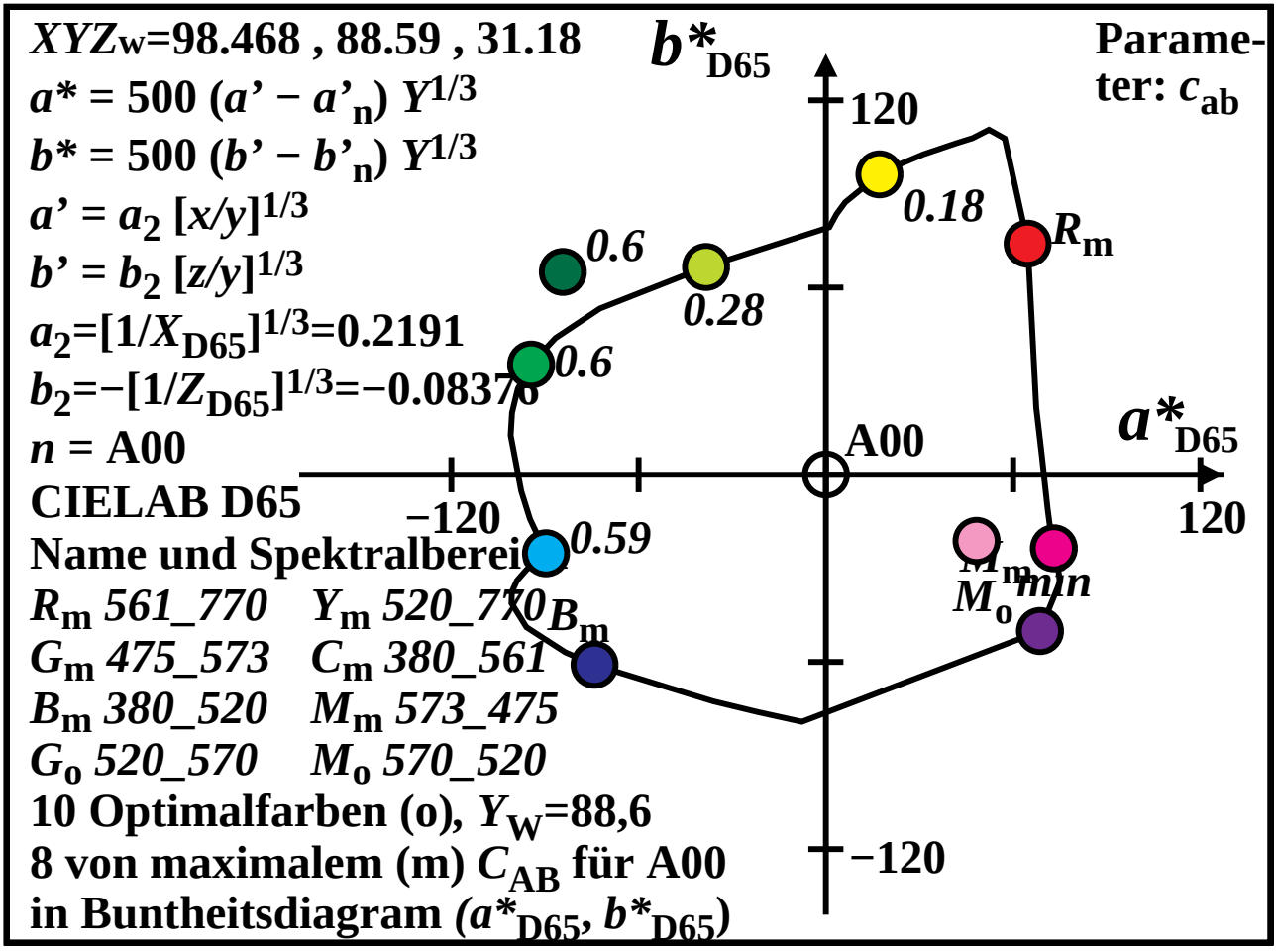

XYZ_w=90.421 , 88.59 , 71.81
$a^* = 500\ (a' - a'_n)\ Y^{1/3}$
$b^* = 500\ (b' - b'_n)\ Y^{1/3}$
$a' = a_2\ [x/y]^{1/3}$
$b' = b_2\ [z/y]^{1/3}$
$a_2=[1/X_{D65}]^{1/3}=0.2191$
$b_2=-[1/Z_{D65}]^{1/3}=-0.08376$
n = P00
CIELAB D65
Name und Spektralbereich
R_m 561_770 Y_m 520_770
G_m 475_573 C_m 380_561
B_m 380_520 M_m 573_475
G_o 520_570 M_o 570_520
10 Optimalfarben (o), Y_W=88,6
8 von maximalem (m) C_{AB} für P00
in Buntheitsdiagram (a^*_{D65}, b^*_{D65})
b^*_{D65}
Parame-
ter: c_{ab}
0.68
0.36
0.66
0.53
120
R_m
P00
a^*_{D65}
−120
120
M_m
M_o
B_m
min
−120

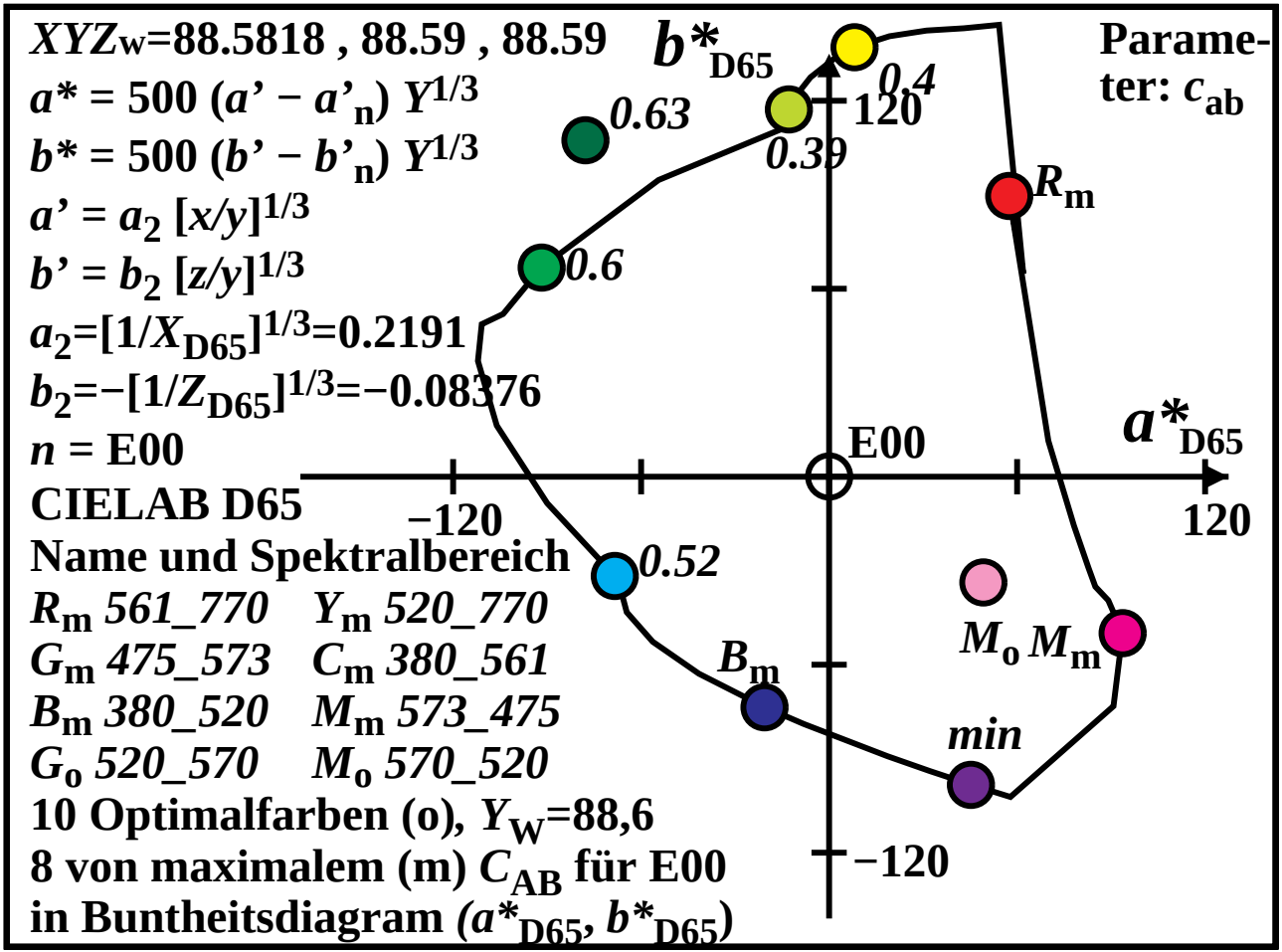

XYZ_w=86.7591 , 88.59 , 105.38
$a^* = 500\ (a' - a'_n)\ Y^{1/3}$
$b^* = 500\ (b' - b'_n)\ Y^{1/3}$
$a' = a_2\ [x/y]^{1/3}$
$b' = b_2\ [z/y]^{1/3}$
$a_2=[1/X_{D65}]^{1/3}=0.2191$
$b_2=-[1/Z_{D65}]^{1/3}=-0.08376$
n = Q00
CIELAB D65
Name und Spektralbereich
R_m 561_770 Y_m 520_770
G_m 475_573 C_m 380_561
B_m 380_520 M_m 573_475
G_o 520_570 M_o 570_520
10 Optimalfarben (o), Y_W=88,6
8 von maximalem (m) C_{AB} für Q00
in Buntheitsdiagram (a^*_{D65}, b^*_{D65})
b^*_{D65}
a^*_{D65}
Parame-
ter: c_{ab}
0.47
0.74
0.46
0.71
0.5
120
−120
Q00
R_m
M_o
M_m
B_m
min

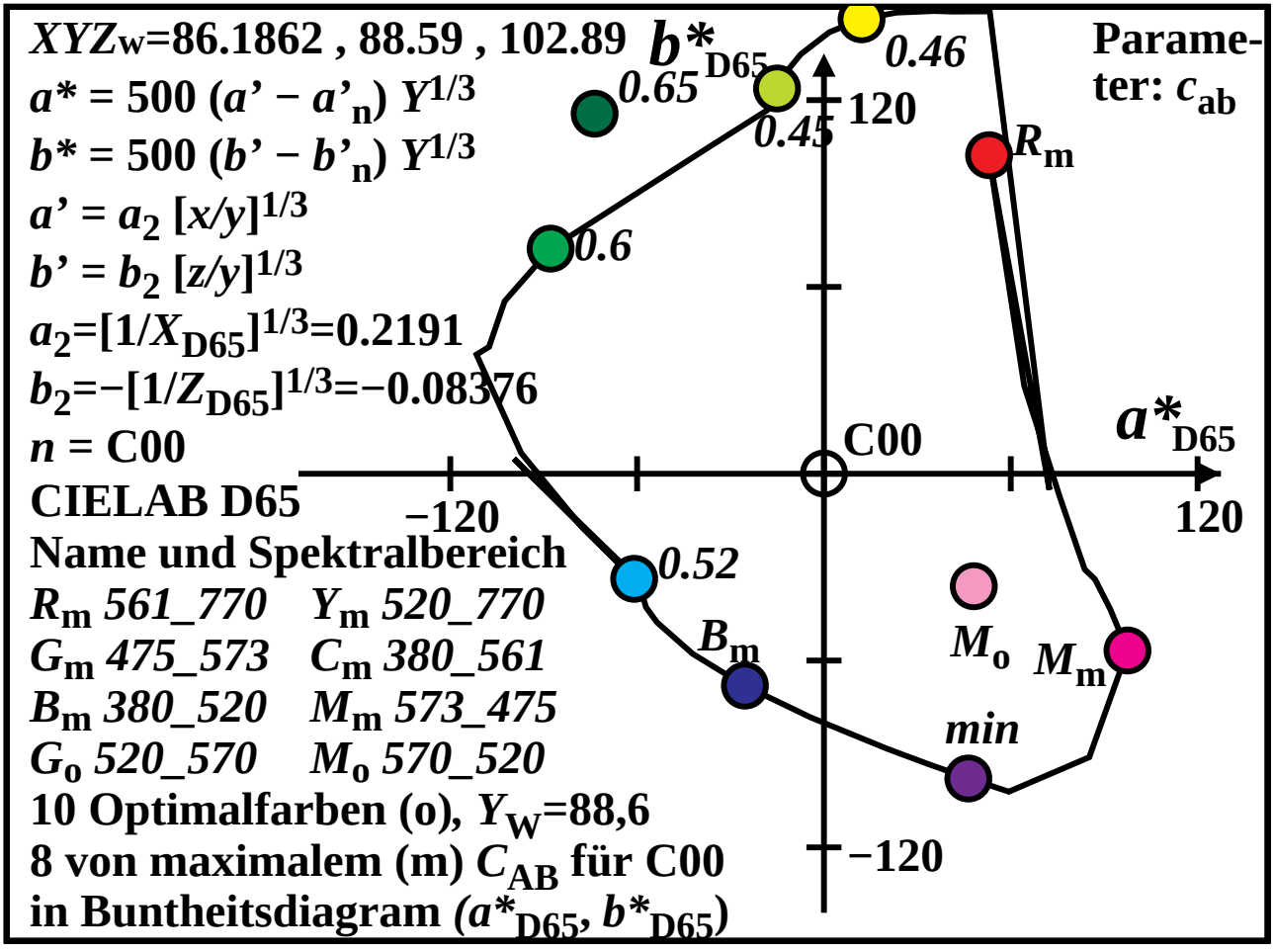

XYZw=83.9954 , 88.59 , 95.08
a* = 500 (a' − a'n) Y1/3
b* = 500 (b' − b'n) Y1/3
a' = a2 [x/y]1/3
b' = b2 [z/y]1/3
a2=[1/XD65]1/3=0.2191
b2=−[1/ZD65]1/3=−0.08376
n = D65
CIELAB D65
Name und Spektralbereich
Rm 561_770 Ym 520_770
Gm 475_573 Cm 380_561
Bm 380_520 Mm 573_475
Go 520_570 Mo 570_520
10 Optimalfarben (o), YW=88,6
8 von maximalem (m) CAB für D65
in Buntheitsdiagram (a*D65, b*D65)
b*D65
a*D65
D65
120
−120
0.42
0.62
0.41
0.6
0.5
Rm
Bm
Mo Mm
min
Parame-
ter: cab

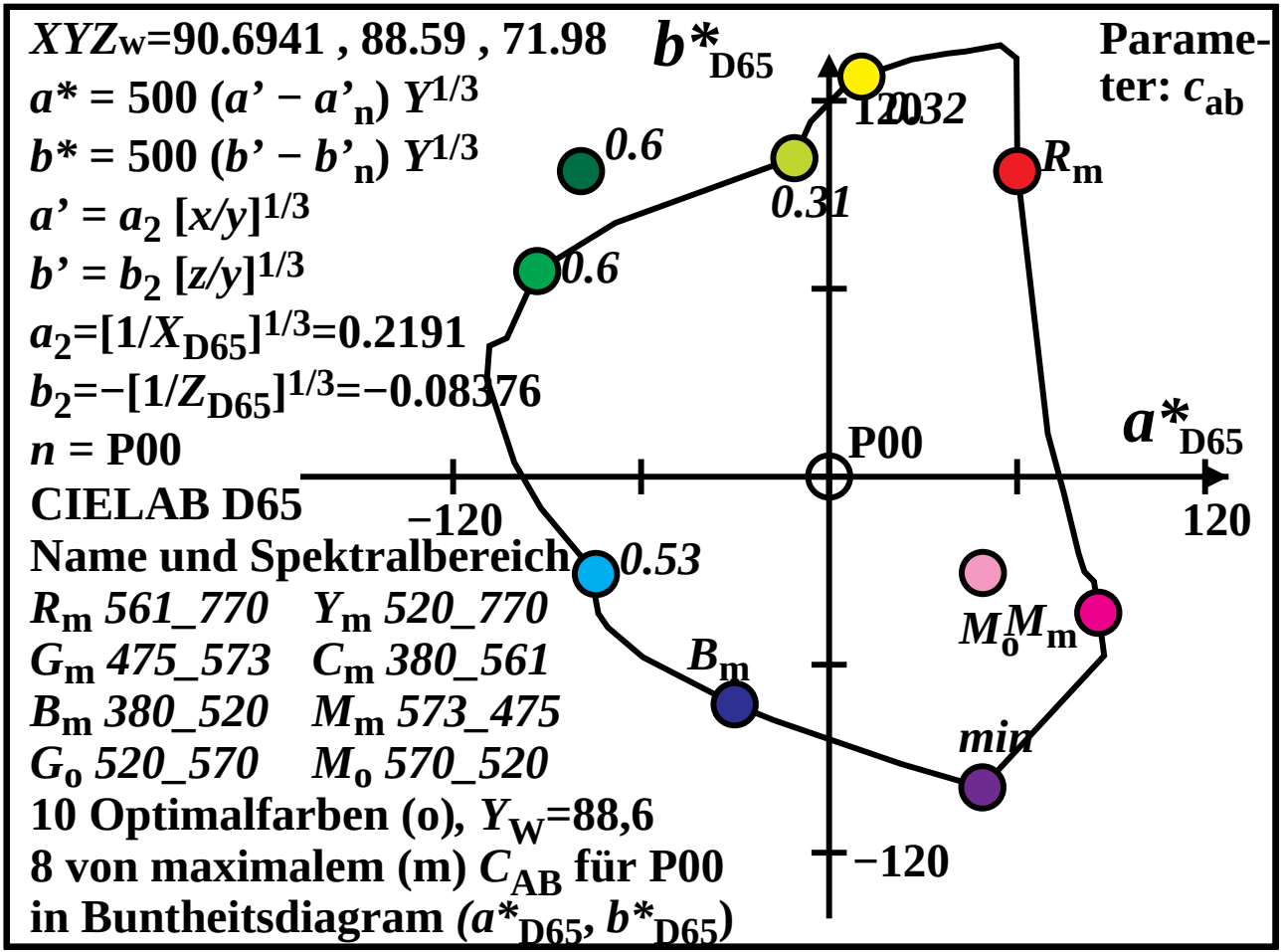

XYZw=85.6893 , 88.59 , 72.12
a* = 500 (a' − a'n) Y1/3
b* = 500 (b' − b'n) Y1/3
a' = a2 [x/y]1/3
b' = b2 [z/y]1/3
a2=[1/XD65]1/3=0.2191
b2=−[1/ZD65]1/3=−0.08376
n = D50
CIELAB D65
Name und Spektralbereich
Rm 561_770 Ym 520_770
Gm 475_573 Cm 380_561
Bm 380_520 Mm 573_475
Go 520_570 Mo 570_520
10 Optimalfarben (o), YW=88,6
8 von maximalem (m) CAB für D50
in Buntheitsdiagram (a*D65, b*D65)
b*D65
a*D65
Parame-
ter: cab
120
0.34
0.56
0.31
Rm
0.58
D50
−120
120
0.51
Bm
MoMm
min
−120

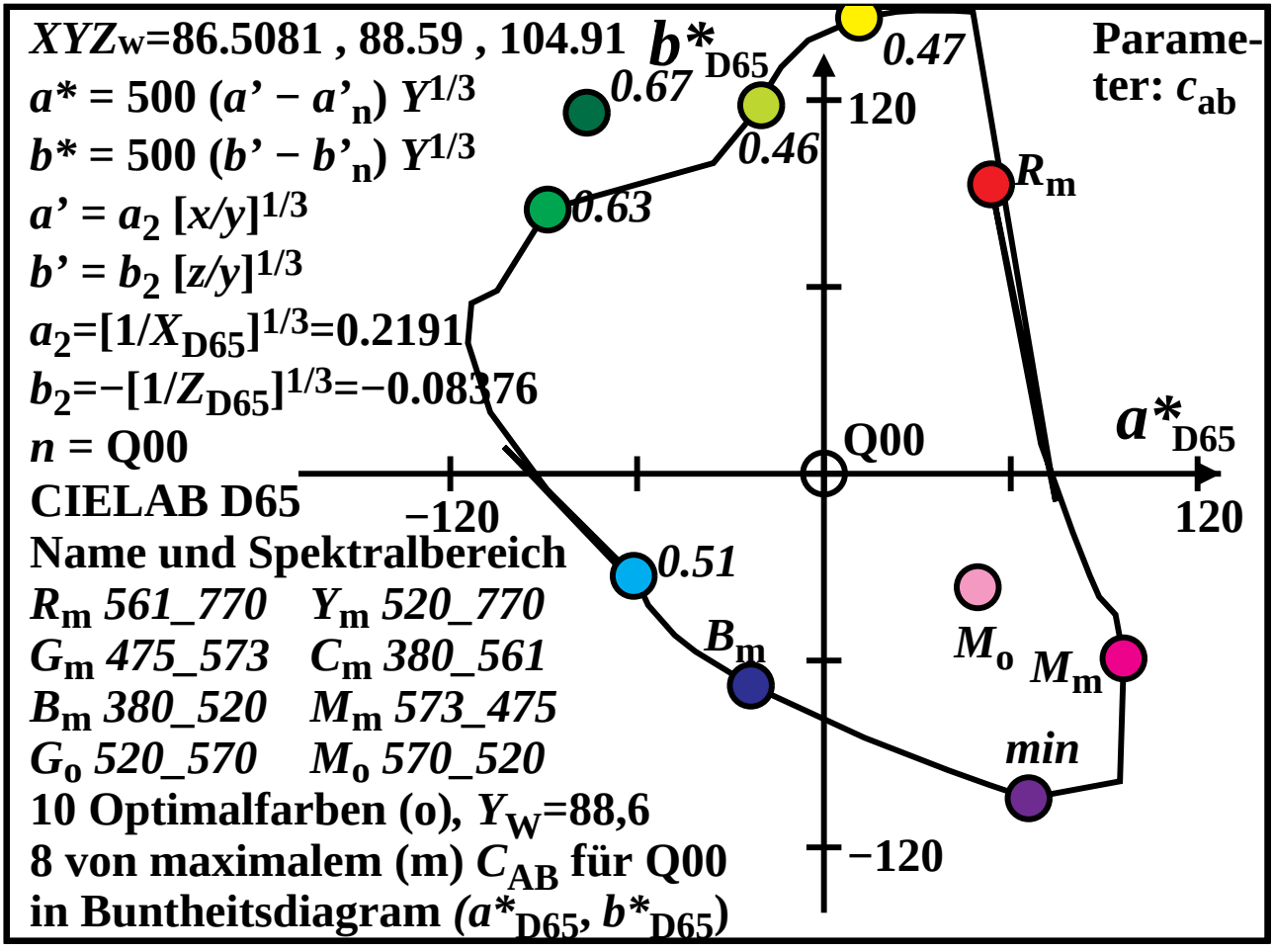

XYZ_w=90.1416 , 88.59 , 57.09
$a^* = 500\ (a' - a'_n)\ Y^{1/3}$
$b^* = 500\ (b' - b'_n)\ Y^{1/3}$
$a' = a_2\ [x/y]^{1/3}$
$b' = b_2\ [z/y]^{1/3}$
$a_2=[1/X_{D65}]^{1/3}=0.2191$
$b_2=-[1/Z_{D65}]^{1/3}=-0.08376$
n = P40
CIELAB D65
Name und Spektralbereich
R_m 561_770 Y_m 520_770
G_m 475_573 C_m 380_561
B_m 380_520 M_m 573_475
G_o 520_570 M_o 570_520
10 Optimalfarben (o), Y_W=88,6
8 von maximalem (m) C_{AB} für P40
in Buntheitsdiagram (a^*_{D65}, b^*_{D65})
b^*_{D65}
Parame-
ter: c_{ab}
0.26
R_m
0.56
0.24
0.58
a^*_{D65}
P40
−120
120
0.53
M_m
M_o
B_m
min
−120


XYZ_w=98.468 , 88.59 , 31.18
$a^* = 500\ (a' - a'_n)\ Y^{1/3}$
$b^* = 500\ (b' - b'_n)\ Y^{1/3}$
$a' = a_2\ [x/y]^{1/3}$
$b' = b_2\ [z/y]^{1/3}$
$a_2=[1/X_{D65}]^{1/3}=0.2191$
$b_2=-[1/Z_{D65}]^{1/3}=-0.08376$
n = A00
CIELAB D65
Name und Spektralbereich
R_m 561_770 Y_m 520_770
G_m 475_573 C_m 380_561
B_m 380_520 M_m 573_475
G_o 520_570 M_o 570_520
10 Optimalfarben (o), Y_W=88,6
8 von maximalem (m) C_{AB} für A00
in Buntheitsdiagram (a^*_{D65}, b^*_{D65})
b^*_{D65}
120
−120
0.6
0.6
0.28
0.18
R_m
A00
a^*_{D65}
−120
120
0.59
B_m
M_m
M_o
min


XYZw=88.5818 , 88.59 , 88.59
a* = 500 (a' − a'n) Y1/3
b* = 500 (b' − b'n) Y1/3
a' = a2 [x/y]1/3
b' = b2 [z/y]1/3
a2=[1/XD65]1/3=0.2191
b2=−[1/ZD65]1/3=−0.08376
n = E00
CIELAB D65
Name und Spektralbereich
Rm 561_770 Ym 520_770
Gm 475_573 Cm 380_561
Bm 380_520 Mm 573_475
Go 520_570 Mo 570_520
10 Optimalfarben (o), YW=88,6
8 von maximalem (m) CAB für E00
in Buntheitsdiagram (a*D65, b*D65)
b*D65
a*D65
Parame-
ter: cab
0.4
0.63
0.39
0.6
0.52
120
−120
E00
Rm
Bm
Mo Mm
min


XYZw=86.1862 , 88.59 , 102.89
a* = 500 (a' − a'n) Y1/3
b* = 500 (b' − b'n) Y1/3
a' = a2 [x/y]1/3
b' = b2 [z/y]1/3
a2=[1/XD65]1/3=0.2191
b2=−[1/ZD65]1/3=−0.08376
n = C00
CIELAB D65
Name und Spektralbereich
Rm 561_770 Ym 520_770
Gm 475_573 Cm 380_561
Bm 380_520 Mm 573_475
Go 520_570 Mo 570_520
10 Optimalfarben (o), YW=88,6
8 von maximalem (m) CAB für C00
in Buntheitsdiagram (a*D65, b*D65)
b*D65
a*D65
Parame-
ter: cab
0.46
0.65
0.45
0.6
0.52
120
−120
C00
Rm
Bm
Mo
Mm
min


XYZw=90.6941 , 88.59 , 71.98
a* = 500 (a' − a'n) Y1/3
b* = 500 (b' − b'n) Y1/3
a' = a2 [x/y]1/3
b' = b2 [z/y]1/3
a2=[1/XD65]1/3=0.2191
b2=−[1/ZD65]1/3=−0.08376
n = P00
CIELAB D65
Name und Spektralbereich
Rm 561_770 Ym 520_770
Gm 475_573 Cm 380_561
Bm 380_520 Mm 573_475
Go 520_570 Mo 570_520
10 Optimalfarben (o), YW=88,6
8 von maximalem (m) CAB für P00
in Buntheitsdiagram (a*D65, b*D65)
b*D65
a*D65
Parame-
ter: cab
120
0.6
0.31
Rm
0.6
P00
−120
120
0.53
MoMm
Bm
min
−120


XYZ_w=86.5081 , 88.59 , 104.91
$a^* = 500\,(a' - a'_n)\,Y^{1/3}$
$b^* = 500\,(b' - b'_n)\,Y^{1/3}$
$a' = a_2\,[x/y]^{1/3}$
$b' = b_2\,[z/y]^{1/3}$
$a_2=[1/X_{D65}]^{1/3}=0.2191$
$b_2=-[1/Z_{D65}]^{1/3}=-0.08376$
n = Q00
CIELAB D65
Name und Spektralbereich
R_m 561_770 Y_m 520_770
G_m 475_573 C_m 380_561
B_m 380_520 M_m 573_475
G_o 520_570 M_o 570_520
10 Optimalfarben (o), Y_W=88,6
8 von maximalem (m) C_{AB} für Q00
in Buntheitsdiagram (a^*_{D65}, b^*_{D65})
b^*_{D65}
0.47
0.67
0.46
0.63
0.51
120
−120
Q00
a^*_{D65}
−120
120
R_m
B_m
M_o
M_m
min
Parame-
ter: c_{ab}