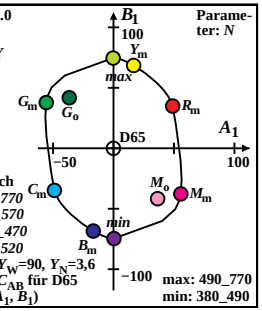
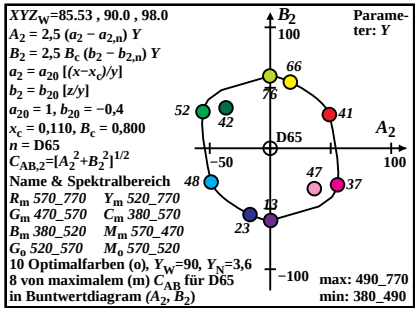
Siehe ähnliche Dateien: http://farbe.li.tu-berlin.de/DGV1/DGV1.HTM
Technische Information: http://farbe.li.tu-berlin.de oder http://color.li.tu-berlin.de

TUB-Registrierung: 20220301-DGV1/DGV1L0NA.TXT /.PS TUB-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Display- oder Druck-Ausgabe

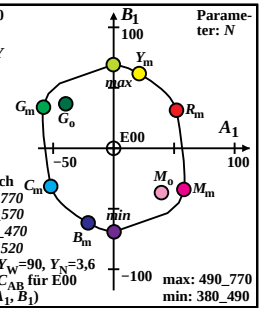
XYZ_W=85.53 , 90.0 , 98.0
A_1 = 2,5 (a_1 − $a_{1,n}$) *Y*
B_1 = 2,5 B_c (b_1 − $b_{1,n}$) *Y*
a_1 = a_{20} [(*x*−x_c)/*y*]
b_1 = b_{20} [*z*/*y*]
a_{20} = 1, b_{20} = −0,4
x_c = 0,110, B_c = 1,000
n = D65
$C_{AB,1}$=[A_1^2+B_1^2]$^{1/2}$
Name & Spektralbereich
R_m 570_770 Y_m 520_770
G_m 470_570 C_m 380_570
B_m 380_520 M_m 570_470
G_o 520_570 M_o 570_520
10 Optimalfarben (o), Y_W=90, Y_N=3,6
8 von maximalem (m) C_{AB} für D65
in Buntwertdiagram (A_1, B_1)
Parame-ter: *N*
max: 490_770
min: 380_490
DGV10−1N



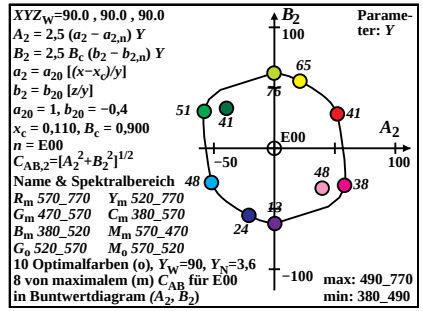
XYZ_W=85.53 , 90.0 , 98.0
A_2 = 2,5 (a_2 − $a_{2,n}$) *Y*
B_2 = 2,5 B_c (b_2 − $b_{2,n}$) *Y*
a_2 = a_{20} [(*x*−x_c)/*y*]
b_2 = b_{20} [*z*/*y*]
a_{20} = 1, b_{20} = −0,4
x_c = 0,110, B_c = 0,800
n = D65
$C_{AB,2}$=[A_2^2+B_2^2]$^{1/2}$
Name & Spektralbereich
R_m 570_770 Y_m 520_770
G_m 470_570 C_m 380_570
B_m 380_520 M_m 570_470
G_o 520_570 M_o 570_520
10 Optimalfarben (o), Y_W=90, Y_N=3,6
8 von maximalem (m) C_{AB} für D65
in Buntwertdiagram (A_2, B_2)
Parame-ter: *Y*
max: 490_770
min: 380_490
DGV10−2N



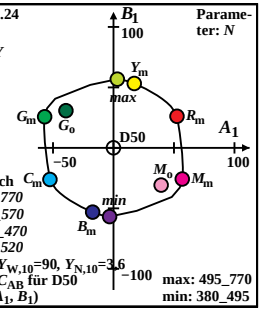
XYZ_W=90.0 , 90.0 , 90.0
A_1 = 2,5 (a_1 − $a_{1,n}$) *Y*
B_1 = 2,5 B_c (b_1 − $b_{1,n}$) *Y*
a_1 = a_{20} [(*x*−x_c)/*y*]
b_1 = b_{20} [*z*/*y*]
a_{20} = 1, b_{20} = −0,4
x_c = 0,110, B_c = 1,000
n = E00
$C_{AB,1}$=[A_1^2+B_1^2]$^{1/2}$
Name & Spektralbereich
R_m 570_770 Y_m 520_770
G_m 470_570 C_m 380_570
B_m 380_520 M_m 570_470
G_o 520_570 M_o 570_520
10 Optimalfarben (o), Y_W=90, Y_N=3,6
8 von maximalem (m) C_{AB} für E00
in Buntwertdiagram (A_1, B_1)
Parame-ter: *N*
max: 490_770
min: 380_490
DGV11−1N



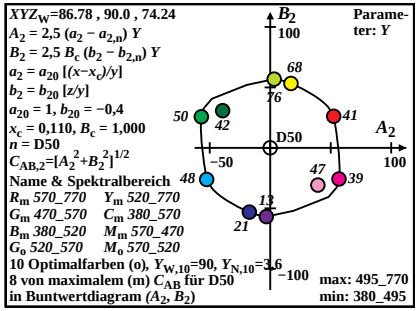
XYZ_W=90.0 , 90.0 , 90.0
A_2 = 2,5 (a_2 − $a_{2,n}$) *Y*
B_2 = 2,5 B_c (b_2 − $b_{2,n}$) *Y*
a_2 = a_{20} [(*x*−x_c)/*y*]
b_2 = b_{20} [*z*/*y*]
a_{20} = 1, b_{20} = −0,4
x_c = 0,110, B_c = 0,900
n = E00
$C_{AB,2}$=[A_2^2+B_2^2]$^{1/2}$
Name & Spektralbereich
R_m 570_770 Y_m 520_770
G_m 470_570 C_m 380_570
B_m 380_520 M_m 570_470
G_o 520_570 M_o 570_520
10 Optimalfarben (o), Y_W=90, Y_N=3,6
8 von maximalem (m) C_{AB} für E00
in Buntwertdiagram (A_2, B_2)
Parame-ter: *Y*
max: 490_770
min: 380_490
DGV11−2N



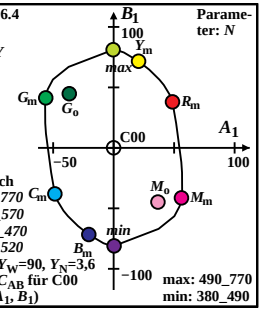
XYZ_W=86.78 , 90.0 , 74.24
A_1 = 2,5 (a_1 − $a_{1,n}$) *Y*
B_1 = 2,5 B_c (b_1 − $b_{1,n}$) *Y*
a_1 = a_{20} [(*x*−x_c)/*y*]
b_1 = b_{20} [*z*/*y*]
a_{20} = 1, b_{20} = −0,4
x_c = 0,110, B_c = 1,000
n = D50
$C_{AB,1}$=[A_1^2+B_1^2]$^{1/2}$
Name & Spektralbereich
R_m 570_770 Y_m 520_770
G_m 470_570 C_m 380_570
B_m 380_520 M_m 570_470
G_o 520_570 M_o 570_520
10 Optimalfarben (o), $Y_{W,10}$=90, $Y_{N,10}$=3,6
8 von maximalem (m) C_{AB} für D50
in Buntwertdiagram (A_1, B_1)
Parame-ter: *N*
max: 495_770
min: 380_495
DGV10−3N



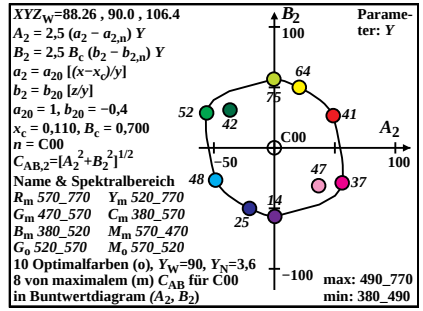
XYZ_W=86.78 , 90.0 , 74.24
A_2 = 2,5 (a_2 − $a_{2,n}$) *Y*
B_2 = 2,5 B_c (b_2 − $b_{2,n}$) *Y*
a_2 = a_{20} [(*x*−x_c)/*y*]
b_2 = b_{20} [*z*/*y*]
a_{20} = 1, b_{20} = −0,4
x_c = 0,110, B_c = 1,000
n = D50
$C_{AB,2}$=[A_2^2+B_2^2]$^{1/2}$
Name & Spektralbereich
R_m 570_770 Y_m 520_770
G_m 470_570 C_m 380_570
B_m 380_520 M_m 570_470
G_o 520_570 M_o 570_520
10 Optimalfarben (o), $Y_{W,10}$=90, $Y_{N,10}$=3,6
8 von maximalem (m) C_{AB} für D50
in Buntwertdiagram (A_2, B_2)
Parame-ter: *Y*
max: 495_770
min: 380_495
DGV10−4N



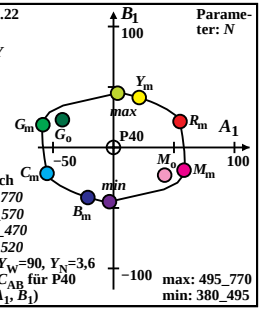
XYZ_W=88.26 , 90.0 , 106.4
A_1 = 2,5 (a_1 − $a_{1,n}$) *Y*
B_1 = 2,5 B_c (b_1 − $b_{1,n}$) *Y*
a_1 = a_{20} [(*x*−x_c)/*y*]
b_1 = b_{20} [*z*/*y*]
a_{20} = 1, b_{20} = −0,4
x_c = 0,110, B_c = 1,000
n = C00
$C_{AB,1}$=[A_1^2+B_1^2]$^{1/2}$
Name & Spektralbereich
R_m 570_770 Y_m 520_770
G_m 470_570 C_m 380_570
B_m 380_520 M_m 570_470
G_o 520_570 M_o 570_520
10 Optimalfarben (o), Y_W=90, Y_N=3,6
8 von maximalem (m) C_{AB} für C00
in Buntwertdiagram (A_1, B_1)
Parame-ter: *N*
max: 490_770
min: 380_490
DGV11−3N



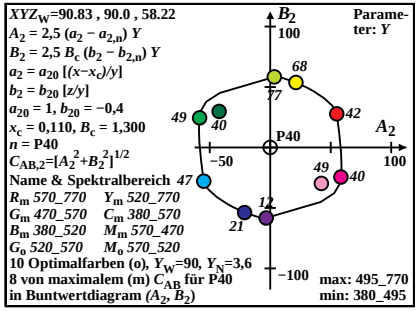
XYZ_W=88.26 , 90.0 , 106.4
A_2 = 2,5 (a_2 − $a_{2,n}$) *Y*
B_2 = 2,5 B_c (b_2 − $b_{2,n}$) *Y*
a_2 = a_{20} [(*x*−x_c)/*y*]
b_2 = b_{20} [*z*/*y*]
a_{20} = 1, b_{20} = −0,4
x_c = 0,110, B_c = 0,700
n = C00
$C_{AB,2}$=[A_2^2+B_2^2]$^{1/2}$
Name & Spektralbereich
R_m 570_770 Y_m 520_770
G_m 470_570 C_m 380_570
B_m 380_520 M_m 570_470
G_o 520_570 M_o 570_520
10 Optimalfarben (o), Y_W=90, Y_N=3,6
8 von maximalem (m) C_{AB} für C00
in Buntwertdiagram (A_2, B_2)
Parame-ter: *Y*
max: 490_770
min: 380_490
DGV11−4N



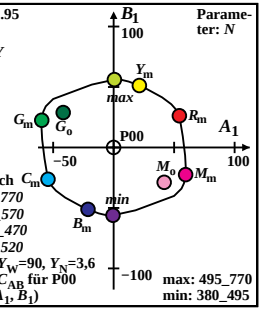
XYZ_W=90.83 , 90.0 , 58.22
A_1 = 2,5 (a_1 − $a_{1,n}$) *Y*
B_1 = 2,5 B_c (b_1 − $b_{1,n}$) *Y*
a_1 = a_{20} [(*x*−x_c)/*y*]
b_1 = b_{20} [*z*/*y*]
a_{20} = 1, b_{20} = −0,4
x_c = 0,110, B_c = 1,000
n = P40
$C_{AB,1}$=[A_1^2+B_1^2]$^{1/2}$
Name & Spektralbereich
R_m 570_770 Y_m 520_770
G_m 470_570 C_m 380_570
B_m 380_520 M_m 570_470
G_o 520_570 M_o 570_520
10 Optimalfarben (o), Y_W=90, Y_N=3,6
8 von maximalem (m) C_{AB} für P40
in Buntwertdiagram (A_1, B_1)
Parame-ter: *N*
max: 495_770
min: 380_495
DGV10−5N



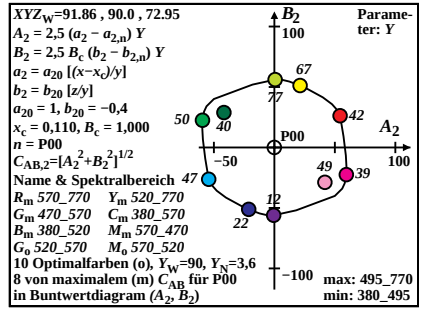
XYZ_W=90.83 , 90.0 , 58.22
A_2 = 2,5 (a_2 − $a_{2,n}$) *Y*
B_2 = 2,5 B_c (b_2 − $b_{2,n}$) *Y*
a_2 = a_{20} [(*x*−x_c)/*y*]
b_2 = b_{20} [*z*/*y*]
a_{20} = 1, b_{20} = −0,4
x_c = 0,110, B_c = 1,300
n = P40
$C_{AB,2}$=[A_2^2+B_2^2]$^{1/2}$
Name & Spektralbereich
R_m 570_770 Y_m 520_770
G_m 470_570 C_m 380_570
B_m 380_520 M_m 570_470
G_o 520_570 M_o 570_520
10 Optimalfarben (o), Y_W=90, Y_N=3,6
8 von maximalem (m) C_{AB} für P40
in Buntwertdiagram (A_2, B_2)
Parame-ter: *Y*
max: 495_770
min: 380_495
DGV10−6N



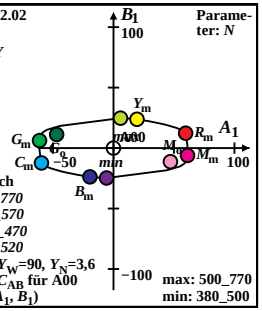
XYZ_W=91.86 , 90.0 , 72.95
A_1 = 2,5 (a_1 − $a_{1,n}$) *Y*
B_1 = 2,5 B_c (b_1 − $b_{1,n}$) *Y*
a_1 = a_{20} [(*x*−x_c)/*y*]
b_1 = b_{20} [*z*/*y*]
a_{20} = 1, b_{20} = −0,4
x_c = 0,110, B_c = 1,000
n = P00
$C_{AB,1}$=[A_1^2+B_1^2]$^{1/2}$
Name & Spektralbereich
R_m 570_770 Y_m 520_770
G_m 470_570 C_m 380_570
B_m 380_520 M_m 570_470
G_o 520_570 M_o 570_520
10 Optimalfarben (o), Y_W=90, Y_N=3,6
8 von maximalem (m) C_{AB} für P00
in Buntwertdiagram (A_1, B_1)
Parame-ter: *N*
max: 495_770
min: 380_495
DGV11−5N



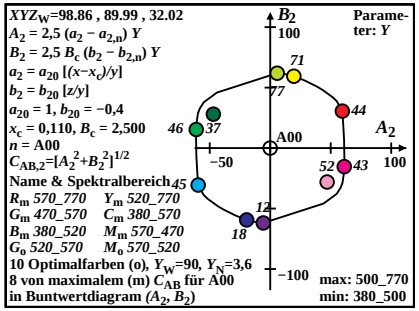
XYZ_W=91.86 , 90.0 , 72.95
A_2 = 2,5 (a_2 − $a_{2,n}$) *Y*
B_2 = 2,5 B_c (b_2 − $b_{2,n}$) *Y*
a_2 = a_{20} [(*x*−x_c)/*y*]
b_2 = b_{20} [*z*/*y*]
a_{20} = 1, b_{20} = −0,4
x_c = 0,110, B_c = 1,000
n = P00
$C_{AB,2}$=[A_2^2+B_2^2]$^{1/2}$
Name & Spektralbereich
R_m 570_770 Y_m 520_770
G_m 470_570 C_m 380_570
B_m 380_520 M_m 570_470
G_o 520_570 M_o 570_520
10 Optimalfarben (o), Y_W=90, Y_N=3,6
8 von maximalem (m) C_{AB} für P00
in Buntwertdiagram (A_2, B_2)
Parame-ter: *Y*
max: 495_770
min: 380_495
DGV11−6N



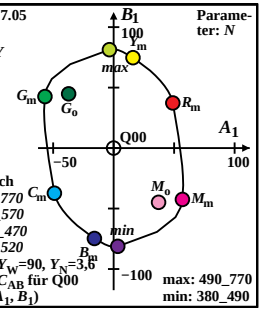
XYZ_W=98.86 , 89.99 , 32.02
A_1 = 2,5 (a_1 − $a_{1,n}$) *Y*
B_1 = 2,5 B_c (b_1 − $b_{1,n}$) *Y*
a_1 = a_{20} [(*x*−x_c)/*y*]
b_1 = b_{20} [*z*/*y*]
a_{20} = 1, b_{20} = −0,4
x_c = 0,110, B_c = 1,000
n = A00
$C_{AB,1}$=[A_1^2+B_1^2]$^{1/2}$
Name & Spektralbereich
R_m 570_770 Y_m 520_770
G_m 470_570 C_m 380_570
B_m 380_520 M_m 570_470
G_o 520_570 M_o 570_520
10 Optimalfarben (o), Y_W=90, Y_N=3,6
8 von maximalem (m) C_{AB} für A00
in Buntwertdiagram (A_1, B_1)
Parame-ter: *N*
max: 500_770
min: 380_500
DGV10−7N



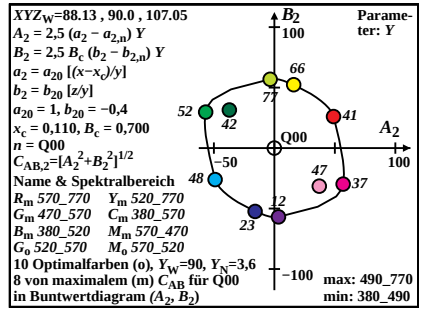
XYZ_W=98.86 , 89.99 , 32.02
A_2 = 2,5 (a_2 − $a_{2,n}$) *Y*
B_2 = 2,5 B_c (b_2 − $b_{2,n}$) *Y*
a_2 = a_{20} [(*x*−x_c)/*y*]
b_2 = b_{20} [*z*/*y*]
a_{20} = 1, b_{20} = −0,4
x_c = 0,110, B_c = 2,500
n = A00
$C_{AB,2}$=[A_2^2+B_2^2]$^{1/2}$
Name & Spektralbereich
R_m 570_770 Y_m 520_770
G_m 470_570 C_m 380_570
B_m 380_520 M_m 570_470
G_o 520_570 M_o 570_520
10 Optimalfarben (o), Y_W=90, Y_N=3,6
8 von maximalem (m) C_{AB} für A00
in Buntwertdiagram (A_2, B_2)
Parame-ter: *Y*
max: 500_770
min: 380_500
DGV10−8N



XYZ_W=88.13 , 90.0 , 107.05
A_1 = 2,5 (a_1 − $a_{1,n}$) *Y*
B_1 = 2,5 B_c (b_1 − $b_{1,n}$) *Y*
a_1 = a_{20} [(*x*−x_c)/*y*]
b_1 = b_{20} [*z*/*y*]
a_{20} = 1, b_{20} = −0,4
x_c = 0,110, B_c = 1,000
n = Q00
$C_{AB,1}$=[A_1^2+B_1^2]$^{1/2}$
Name & Spektralbereich
R_m 570_770 Y_m 520_770
G_m 470_570 C_m 380_570
B_m 380_520 M_m 570_470
G_o 520_570 M_o 570_520
10 Optimalfarben (o), Y_W=90, Y_N=3,6
8 von maximalem (m) C_{AB} für Q00
in Buntwertdiagram (A_1, B_1)
Parame-ter: *N*
max: 490_770
min: 380_490
DGV11−7N



XYZ_W=88.13 , 90.0 , 107.05
A_2 = 2,5 (a_2 − $a_{2,n}$) *Y*
B_2 = 2,5 B_c (b_2 − $b_{2,n}$) *Y*
a_2 = a_{20} [(*x*−x_c)/*y*]
b_2 = b_{20} [*z*/*y*]
a_{20} = 1, b_{20} = −0,4
x_c = 0,110, B_c = 0,700
n = Q00
$C_{AB,2}$=[A_2^2+B_2^2]$^{1/2}$
Name & Spektralbereich
R_m 570_770 Y_m 520_770
G_m 470_570 C_m 380_570
B_m 380_520 M_m 570_470
G_o 520_570 M_o 570_520
10 Optimalfarben (o), Y_W=90, Y_N=3,6
8 von maximalem (m) C_{AB} für Q00
in Buntwertdiagram (A_2, B_2)
Parame-ter: *Y*
max: 490_770
min: 380_490
DGV11−8N



TUB-Prüfvorlage DGV1; TUB−Relativitätsmodell des Farbensehens. Buntwerte für die Adaptation an die *Ostwald*-Optimalfarben für 8 Lichtarten: D65, D50, P40, A00, E00, C00, P00, Q00