$XYZ_W = 858.975$, 908.216 , 956.28

$a^* = 500 (a' - a'_n) Y^{1/3}$

$b^* = 500 (b' - b'_n) Y^{1/3}$

$a = a_2 [x/y]^{1/3}$

$b = b_2 [z/y]^{1/3}$

$a_2 = [1/X_n]^{1/3} = 0.2191$

$b_2 = [1/Z_n]^{1/3} = 0.08376$

$n = $ D65

CIELAB 76

Name der Gerätefarbe
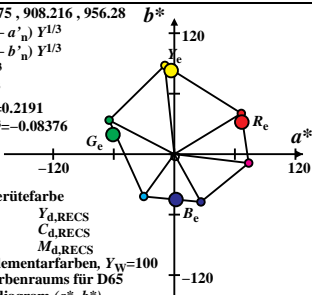
$R_{d,RECS}$ $Y_{d,RECS}$

$G_{d,RECS}$ $C_{d,RECS}$

$B_{d,RECS}$ $M_{d,RECS}$

Geräte- & Elementarfarben, $Y_W = 100$

des *offset*-Farbenraums für D65

in Buntheitsdiagram (a^*, b^*)

Labels in figure: b^*, 120, a^*, 120, -120, -120, Y_e, R_e, G_e, B_e

$XYZ_w = 873.582$, 908.569 , 725.79

$a^* = 500 (a' - a'_n) Y^{1/3}$

$b^* = 500 (b' - b'_n) Y^{1/3}$

$a = a_2 [x/y]^{1/3}$

$b = b_2 [z/y]^{1/3}$

$a_2 = [1/X_n]^{1/3} = 0.218$

$b_2 = [1/Z_n]^{1/3} = -0.09188$

n = D50

CIELAB 76

Name der Gerätefarbe
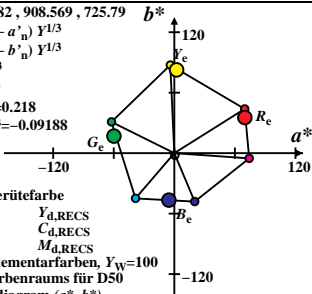
$R_{d,RECS}$ $Y_{d,RECS}$

$G_{d,RECS}$ $C_{d,RECS}$

$B_{d,RECS}$ $M_{d,RECS}$

Geräte- & Elementarfarben, $Y_W = 100$

des *offset*-Farbenraums für D50

in Buntheitsdiagram (a^*, b^*)

b*

120

Y_e

R_e

a^*

-120   120

G_e

B_e

-120

XYZ_w=915.75 , 908.886 , 568.87

$a^* = 500 (a' - a'_n) Y^{1/3}$

$b^* = 500 (b' - b'_n) Y^{1/3}$

$a = a_2 [x/y]^{1/3}$

$b = b_2 [z/y]^{1/3}$

$a_2 = [1/X_n]^{1/3} = 0.2147$

$b_2 = -[1/Z_n]^{1/3} = -0.09964$

n = P40

CIELAB 76

Name der Gerätefarbe

$R_{d,RECS}$ $Y_{d,RECS}$
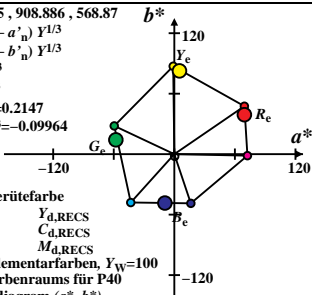
$G_{d,RECS}$ $C_{d,RECS}$

$B_{d,RECS}$ $M_{d,RECS}$

Geräte- & Elementarfarben, Y_W=100

des *offset*-Farbenraums für P40

in Buntheitsdiagram (a^*, b^*)

b*

a*

120

−120

−120

120

−120

Y_e

R_e

G_e

B_e

XYZ_W=999.329 , 909.474 , 313.97

$b*$

$a* = 500 (a' - a'_n) Y^{1/3}$

$b* = 500 (b' - b'_n) Y^{1/3}$

$a = a_2 [x/y]^{1/3}$

$b = b_2 [z/y]^{1/3}$

$a_2=[1/X_n]^{1/3}$=0.2088

$b_2=[1/Z_n]^{1/3}$=–0.12161

n = A00

120

Y_e

R_e

G_e

$a*$

–120

120

CIELAB 76

Name der Gerätefarbe
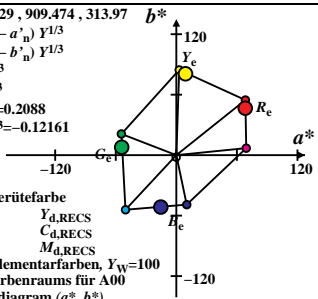
$R_{d,RECS}$ $Y_{d,RECS}$

$G_{d,RECS}$ $C_{d,RECS}$

$B_{d,RECS}$ $M_{d,RECS}$

Geräte- & Elementarfarben, Y_W=100

des *offset*-Farbenraums für A00

in Buntheitsdiagram ($a*$, $b*$)

B_e

–120

$XYZ_w = 904.435 , 908.455 , 876.56$

$a^* = 500 (a' - a'_n) Y^{1/3}$

$b^* = 500 (b' - b'_n) Y^{1/3}$

$a = a_2 [x/y]^{1/3}$

$b = b_2 [z/y]^{1/3}$

$a_2 = [1/X_n]^{1/3} = 0.2154$

$b_2 = [1/Z_n]^{1/3} = 0.08617$

n = E00

CIELAB 76

Name der Gerätefarbe

$R_{d,RECS}$ $Y_{d,RECS}$
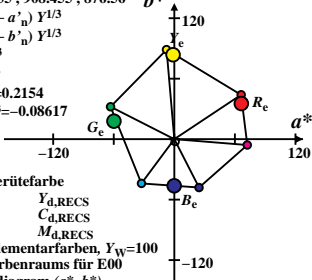
$G_{d,RECS}$ $C_{d,RECS}$

$B_{d,RECS}$ $M_{d,RECS}$

Geräte- & Elementarfarben, $Y_W = 100$

des *offset*-Farbenraums für E00

in Buntheitsdiagram (a^*, b^*)

b^*

120

Y_e

R_e

a^*

-120 120

G_e

B_e

-120

XYZ_w=885.915 , 908.163 , 1037.78   *b**

$a^* = 500 (a' - a'_n) Y^{1/3}$

$b^* = 500 (b' - b'_n) Y^{1/3}$

$a = a_2 [x/y]^{1/3}$

$b = b_2 [z/y]^{1/3}$

$a_2=[1/X_n]^{1/3}=0.2168$

$b_2=[1/Z_n]^{1/3}=-0.08149$

n = C00

CIELAB 76

Name der Gerätefarbe
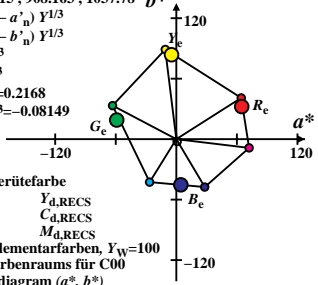
$R_{d,RECS}$ $Y_{d,RECS}$

$G_{d,RECS}$ $C_{d,RECS}$

$B_{d,RECS}$ $M_{d,RECS}$

Geräte- & Elementarfarben, Y_W=100

des *offset*-Farbenraums für C00

in Buntheitsdiagram (*a**, *b**)

120

Y_e

R_e

G_e

−120   120   *a**

B_e

−120

0−000030−L0   SG821−6A_1

XYZ_w=924.802 , 908.732 , 711.34

b^*

120

$a^* = 500 (a' - a'_n) Y^{1/3}$

$b^* = 500 (b' - b'_n) Y^{1/3}$

$a = a_2 [x/y]^{1/3}$

$b = b_2 [z/y]^{1/3}$

$a_2=[1/X_n]^{1/3}=0.2139$

$b_2=-[1/Z_n]^{1/3}=-0.09242$

n = P00

Y_e

R_e

a^*

G_e

120

CIELAB 76

Name der Gerätefarbe

$R_{d,RECS}$ $Y_{d,RECS}$

$G_{d,RECS}$ $C_{d,RECS}$

$B_{d,RECS}$ $M_{d,RECS}$

-120

B_e

120

Geräte- & Elementarfarben, Y_W=100

des *offset*-Farbenraums für P00

in Buntheitsdiagram (a^*, b^*)

-120

XYZ_w=884.055 , 908.177 , 1041.89   *b**

$a^* = 500 (a' - a'_n) Y^{1/3}$

$b^* = 500 (b' - b'_n) Y^{1/3}$

$a = a_2 [x/y]^{1/3}$

$b = b_2 [z/y]^{1/3}$

$a_2=[1/X_n]^{1/3}=0.2169$

$b_2=[1/Z_n]^{1/3}=-0.08133$

n = Q00

120

Y_e

R_e

G_e

B_e

-120   120   *a**

CIELAB 76

Name der Gerätefarbe

$R_{d,RECS}$ $Y_{d,RECS}$

$G_{d,RECS}$ $C_{d,RECS}$

$B_{d,RECS}$ $M_{d,RECS}$

Geräte- & Elementarfarben, Y_W=100

des *offset*-Farbenraums für Q00

in Buntheitsdiagram (*a**, *b**)

-120

0−000030−L0   SG821−6A_1

$XYZ_w = 856.262 , 907.063 , 939.91$

$a^* = 500 (a' - a'_n) Y^{1/3}$

$b^* = 500 (b' - b'_n) Y^{1/3}$

$a = a_2 [x/y]^{1/3}$

$b = b_2 [z/y]^{1/3}$

$a_2 = [1/X_n]^{1/3} = 0.2193$

$b_2 = -[1/Z_n]^{1/3} = -0.08416$

$n = $ D65

CIELAB 76

Name der Gerätefarbe

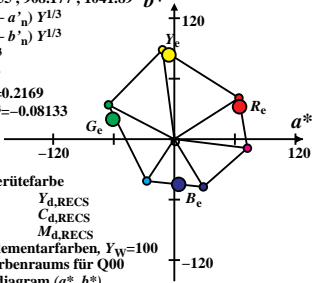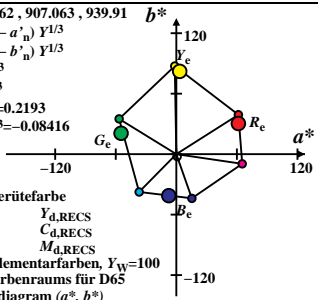$R_{d,RECS}$ $Y_{d,RECS}$

$G_{d,RECS}$ $C_{d,RECS}$

$B_{d,RECS}$ $M_{d,RECS}$

Geräte- & Elementarfarben, Y_W=100

des *offset*-Farbenraums für D65

in Buntheitsdiagram (a^*, b^*)

b^*

120

Y_e

R_e

G_e

a^*

−120   120

B_e

−120

0−001030−L0   SG821−6A_1

$XYZ_w = 875.822$, 907.661 , 714.26

$a^* = 500 (a' - a'_n) Y^{1/3}$

$b^* = 500 (b' - b'_n) Y^{1/3}$

$a = a_2 [x/y]^{1/3}$

$b = b_2 [z/y]^{1/3}$

$a_2 = [1/X_n]^{1/3} = 0.2178$

$b_2 = -[1/Z_n]^{1/3} = -0.09229$

n = D50

b*

120

Y_e

R_e

G_e

a*

120

-120

B_e

-120

CIELAB 76

Name der Gerätefarbe

$R_{d,RECS}$ $Y_{d,RECS}$
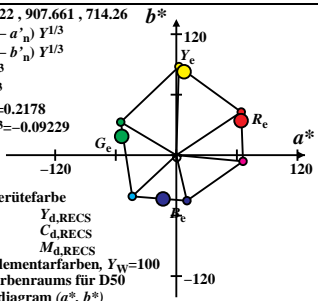
$G_{d,RECS}$ $C_{d,RECS}$

$B_{d,RECS}$ $M_{d,RECS}$

Geräte- & Elementarfarben, Y_W=100

des *offset*-Farbenraums für D50

in Buntheitsdiagram (*a**, *b**)

XYZ_w=922.693 , 908.142 , 565.08

$a^* = 500 (a' - a'_n) Y^{1/3}$

$b^* = 500 (b' - b'_n) Y^{1/3}$

$a = a_2 [x/y]^{1/3}$

$b = b_2 [z/y]^{1/3}$

$a_2=[1/X_n]^{1/3}=0.2142$

$b_2=[1/Z_n]^{1/3}=-0.09976$

n = P40

CIELAB 76

Name der Gerätefarbe
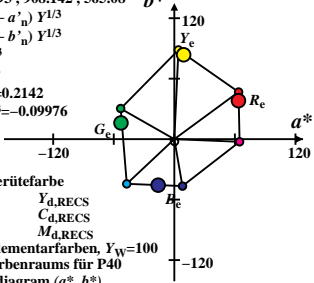
$R_{d,RECS}$　　$Y_{d,RECS}$

$G_{d,RECS}$　　$C_{d,RECS}$

$B_{d,RECS}$　　$M_{d,RECS}$

Geräte- & Elementarfarben, Y_W=100

des *offset*-Farbenraums für P40

in Buntheitsdiagram (a^*, b^*)

$XYZ_W = 1010.78$, 909.03 , 309.7

$a^* = 500\ (a' - a'_n)\ Y^{1/3}$

$b^* = 500\ (b' - b'_n)\ Y^{1/3}$

$a = a_2\ [x/y]^{1/3}$

$b = b_2\ [z/y]^{1/3}$

$a_2 = [1/X_n]^{1/3} = 0.2079$

$b_2 = [1/Z_n]^{1/3} = 0.12205$

n = A00

CIELAB 76
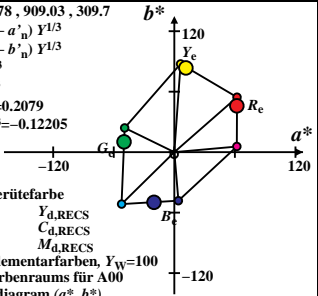
Name der Gerätefarbe

$R_{d,RECS}$ $Y_{d,RECS}$

$G_{d,RECS}$ $C_{d,RECS}$

$B_{d,RECS}$ $M_{d,RECS}$

Geräte- & Elementarfarben, Y_W=100

des *offset*-Farbenraums für A00

in Buntheitsdiagram (a^*, b^*)

0−001030−L0   SG821−6A_1

XYZ_w=903.609 , 907.361 , 873.97

b^* **120**

$a^* = 500 (a' - a'_n) Y^{1/3}$

$b^* = 500 (b' - b'_n) Y^{1/3}$

$a = a_2 [x/y]^{1/3}$

$b = b_2 [z/y]^{1/3}$

$a_2=[1/X_n]^{1/3}=0.2154$

$b_2=[-1/Z_n]^{1/3}=-0.08617$

n = E00

Y_e

R_e

a^*

G_e

CIELAB 76

Name der Gerätefarbe

$R_{d,RECS}$ $Y_{d,RECS}$

$G_{d,RECS}$ $C_{d,RECS}$

$B_{d,RECS}$ $M_{d,RECS}$

B_e

-120   **120**

Geräte- & Elementarfarben, Y_W=100

des *offset*-Farbenraums für E00

in Buntheitsdiagram (*a**, *b**)

-120

0–001030–L0   SG821–6A_1

$XYZ_w = 878.194$, 906.929 , 1016.81 **b^***

$a^* = 500 (a' - a'_n) Y^{1/3}$

$b^* = 500 (b' - b'_n) Y^{1/3}$

$a = a_2 [x/y]^{1/3}$

$b = b_2 [z/y]^{1/3}$

$a_2 = [1/X_n]^{1/3} = 0.2174$

$b_2 = [1/Z_n]^{1/3} = 0.08198$

$n = C00$

CIELAB 76

Name der Gerätefarbe
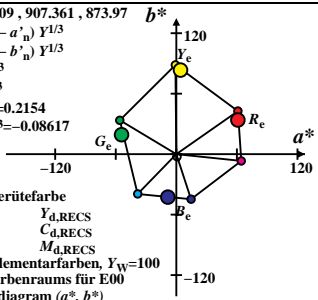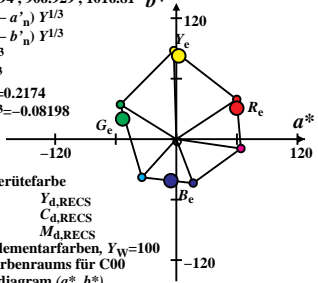
$R_{d,RECS}$ $Y_{d,RECS}$

$G_{d,RECS}$ $C_{d,RECS}$

$B_{d,RECS}$ $M_{d,RECS}$

Geräte- & Elementarfarben, $Y_W = 100$

des *offset*-Farbenraums für C00

in Buntheitsdiagram (a^*, b^*)

120

Y_e

R_e

G_e

a^*

-120   120

B_e

-120

XYZ_w=926.951 , 907.82 , 710.87

$b*$

$a* = 500 (a' - a'_n) Y^{1/3}$

$b* = 500 (b' - b'_n) Y^{1/3}$

$a = a_2 [x/y]^{1/3}$

$b = b_2 [z/y]^{1/3}$

$a_2=[1/X_n]^{1/3}=0.2137$

$b_2=-[1/Z_n]^{1/3}=-0.09235$

n = P00

Y_e

R_e

G_e

$a*$

−120   120

CIELAB 76

Name der Gerätefarbe

$R_{d,RECS}$ $Y_{d,RECS}$

$G_{d,RECS}$ $C_{d,RECS}$

$B_{d,RECS}$ $M_{d,RECS}$

B_e

Geräte- & Elementarfarben, Y_W=100

des *offset*-Farbenraums für P00

in Buntheitsdiagram ($a*$, $b*$)

−120

XYZ_w=880.693 , 906.911 , 1034.1

$a^* = 500 (a' - a'_n) Y^{1/3}$

$b^* = 500 (b' - b'_n) Y^{1/3}$

$a = a_2 [x/y]^{1/3}$

$b = b_2 [z/y]^{1/3}$

$a_2 = [1/X_n]^{1/3} = 0.2171$

$b_2 = -[1/Z_n]^{1/3} = -0.08145$

n = Q00

CIELAB 76

Name der Gerätefarbe

$R_{d,RECS}$ $Y_{d,RECS}$
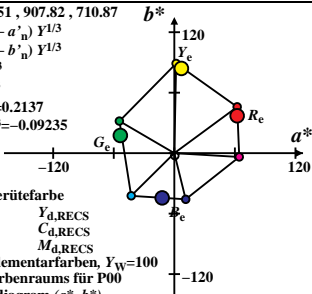
$G_{d,RECS}$ $C_{d,RECS}$

$B_{d,RECS}$ $M_{d,RECS}$

Geräte- & Elementarfarben, Y_W=100

des *offset*-Farbenraums für Q00

in Buntheitsdiagram (a^*, b^*)