TUB registration: 20240201-gek9/gek9l0na.txt /.ps
application for evaluation and measurement of display or print output
TUB material: code=rha4ta

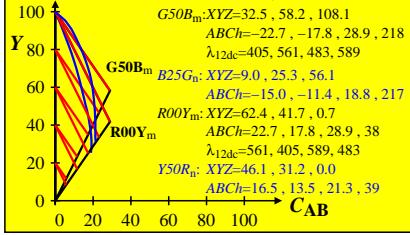**CIE data for antichromatic optimal Ostwald colours of maximum (m) chromatic value for D65;**
Y_w=100, G50Bm=380_561, R00Ym=561_770

$G50B_m$:XYZ=32.5, 58.2, 108.1
ABCh=−22.7, −17.8, 28.9, 218
$λ_{12dc}$=405, 561, 483, 589

$R00Y_m$:XYZ=62.4, 41.7, 0.7
ABCh=22.7, 17.8, 28.9, 38
$λ_{12dc}$=561, 405, 589, 483

n=0 G50Bm
n=0 R00Ym

gek90−1n

CIE data for antichromatic optimal Ostwald colours of maximum (m) chromatic value for D65;
Y_w=100, G00Bm=470_570, B50Rm=570_470

$G00B_m$:XYZ=21.4, 62.7, 19.9
ABCh=−38.1, 19.3, 42.7, 153
$λ_{12dc}$=470, 569, 520, 520c

$B50R_m$:XYZ=73.5, 37.2, 88.9
ABCh=38.1, −19.3, 42.7, 333
$λ_{12dc}$=569, 470, 520c, 520

n=0 G00Bm
n=0 B50Rm

gek90−2n

CIE data for antichromatic optimal Ostwald colours of equal threshold value t for D65 and Y_w=100, Cm=380_561, Rm=561_770

C_m: C_{AB}=28.94, Y=58.2
$λ_1$=405, $λ_2$=561
$λ_d$=483, $λ_c$=589
c_{ab}=0.49, c_{ab}Y=28.94

R_m: C_{AB}=28.94, Y=41.79
$λ_1$=561, $λ_2$=405
$λ_d$=589, $λ_c$=483
c_{ab}=0.69, c_{ab}Y=28.94

t=const

gek91−1n

CIE data for antichromatic optimal Ostwald colours of equal threshold value t for D65 and Y_w=100, Gm=470_570, Mm=570_470

G_m: C_{AB}=42.76, Y=62.72
$λ_1$=470, $λ_2$=569
$λ_d$=520, $λ_c$=520c
c_{ab}=0.68, c_{ab}Y=42.76

M_m: C_{AB}=42.76, Y=37.27
$λ_1$=569, $λ_2$=470
$λ_d$=520c, $λ_c$=520
c_{ab}=1.14, c_{ab}Y=42.76

t=const

gek91−2n

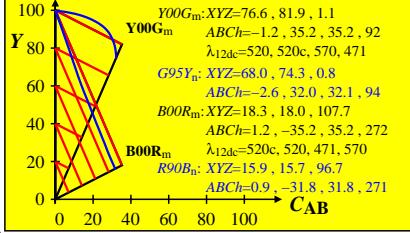**CIE data for antichromatic optimal Ostwald colours of maximum (m) chromatic value for D65; Y_w=100, Y00Gm=520_770, B00Rm=380_520**

$Y00G_m$:XYZ=76.6, 81.9, 1.1
ABCh=−1.2, 35.2, 35.2, 92
$λ_{12dc}$=520, 520c, 570, 471

$B00R_m$:XYZ=18.3, 18.0, 107.7
ABCh=1.2, −35.2, 35.2, 272
$λ_{12dc}$=520c, 520, 471, 570

n=0 Y00Gm
n=0 B00Rm

gek90−3n

CIE data for antichromatic optimal Ostwald colours of maximum (m) chromatic value for D65; Y_w=100, Y20Gm=495_770, B20Rm=380_495

$Y20G_m$:XYZ=77.0, 92.3, 4.5
ABCh=−10.6, 38.3, 39.8, 105
$λ_{12dc}$=495, 495c, 566, 462

$B20R_m$:XYZ=18.0, 7.6, 104.3
ABCh=10.6, −38.3, 39.8, 285
$λ_{12dc}$=495c, 495, 462, 566

n=0 Y20Gm
n=0 B20Rm

gek90−3a

CIE data for antichromatic optimal Ostwald colours of equal threshold value t for D65 and Y_w=100, Ym=520_770, Bm=380_520

Y_m: C_{AB}=35.26, Y=81.98
$λ_1$=520, $λ_2$=520c
$λ_d$=570, $λ_c$=471
c_{ab}=0.43, c_{ab}Y=35.26

B_m: C_{AB}=35.26, Y=18.01
$λ_1$=520c, $λ_2$=520
$λ_d$=471, $λ_c$=570
c_{ab}=1.95, c_{ab}Y=35.26

t=const

gek91−3n

CIE data for antichromatic optimal Ostwald colours of equal threshold value t for D65 and Y_w=100, Ym=495_770, Bm=380_495

Y_m: C_{AB}=39.85, Y=92.3
$λ_1$=495, $λ_2$=495c
$λ_d$=566, $λ_c$=462
c_{ab}=0.43, c_{ab}Y=39.85

B_m: C_{AB}=39.85, Y=7.69
$λ_1$=495c, $λ_2$=495
$λ_d$=462, $λ_c$=566
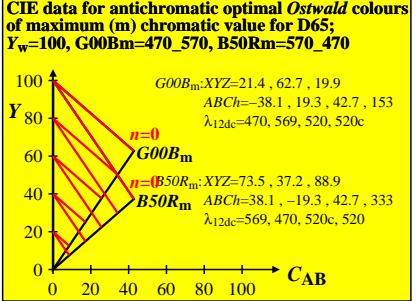c_{ab}=5.17, c_{ab}Y=39.85

t=const

gek91−4n

CIE data for antichromatic optimal Ostwald colours of maximum (m) chromatic value for D65 and Y_w=100, G50Bm=380_561, R00Ym=561_770 and data for the NCS hues B25Gn, and Y50Rn

$G50B_m$:XYZ=32.5, 58.2, 108.1
ABCh=−22.7, −17.8, 28.9, 218
$λ_{12dc}$=405, 561, 483, 589

$B25G_n$: XYZ=9.0, 25.3, 56.1
ABCh=−15.0, −11.4, 18.8, 217

$R00Y_m$:XYZ=62.4, 41.7, 0.7
ABCh=22.7, 17.8, 28.9, 38
$λ_{12dc}$=561, 405, 589, 483

$Y50R_n$: XYZ=46.1, 31.2, 0.0
ABCh=16.5, 13.5, 21.3, 39

gek90−5n

CIE data for antichromatic optimal Ostwald colours of maximum (m) chromatic value for D65 and Y_w=100, G00Bm=470_570, B50Rm=570_470 and data for the NCS hues G10Yn, and R40Bn

$G00B_m$:XYZ=21.4, 62.7, 19.9
ABCh=−38.1, 19.3, 42.7, 153
$λ_{12dc}$=470, 569, 520, 520c

$G10Y_n$: XYZ=6.6, 31.5, 2.1
ABCh=−23.2, 12.8, 26.5, 151

$B50R_m$:XYZ=73.5, 37.2, 88.9
ABCh=38.1, −19.3, 42.7, 333
$λ_{12dc}$=569, 470, 520c, 520

$R40B_n$: XYZ=26.9, 8.4, 36.3
ABCh=18.9, −10.8, 21.8, 330

gek90−6n

CIE data for antichromatic optimal Ostwald colours of threshold value t for Y=const and for D65 and Y_w=100, Cm=380_561, Rm=561_770

C_m: C_{AB}=28.94, Y=58.2
$λ_1$=405, $λ_2$=561
$λ_d$=483, $λ_c$=589
c_{ab}=0.49, c_{ab}Y=28.94

R_m: C_{AB}=28.94, Y=41.79
$λ_1$=561, $λ_2$=405
$λ_d$=589, $λ_c$=483
c_{ab}=0.69, c_{ab}Y=28.94

t=const
Y=30

gek91−5n

CIE data for antichromatic optimal Ostwald colours of threshold value t for Y=const and for D65 and Y_w=100, Gm=470_570, Mm=570_470

G_m: C_{AB}=42.76, Y=62.72
$λ_1$=470, $λ_2$=569
$λ_d$=520, $λ_c$=520c
c_{ab}=0.68, c_{ab}Y=42.76

M_m: C_{AB}=42.76, Y=37.27
$λ_1$=569, $λ_2$=470
$λ_d$=520c, $λ_c$=520
c_{ab}=1.14, c_{ab}Y=42.76
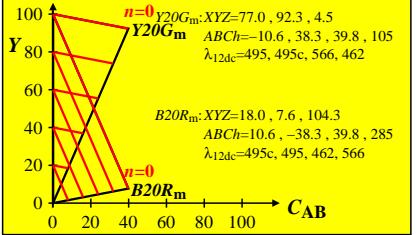
t=const
Y=30

gek91−6n

CIE data for antichromatic optimal Ostwald colours of maximum (m) chromatic value for D65 and Y_w=100, Y00Gm=520_770, B00Rm=380_520 and data for the NCS hues G95Yn, and R90Bn
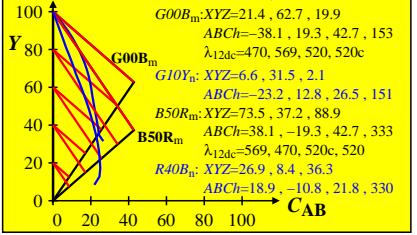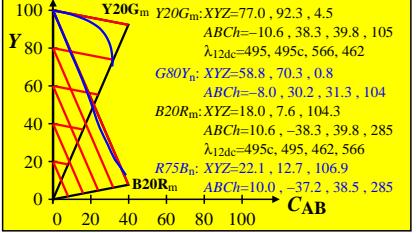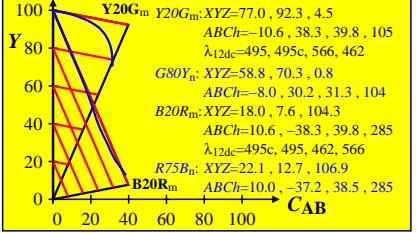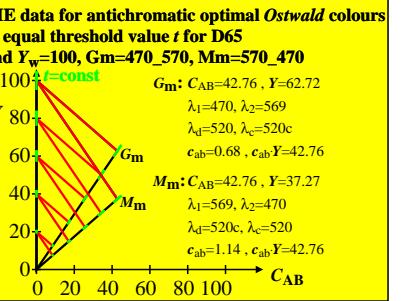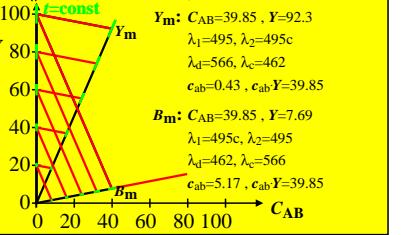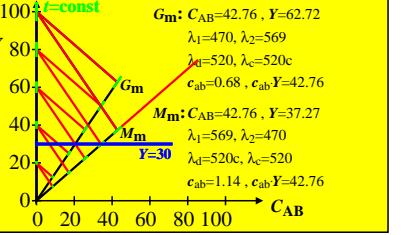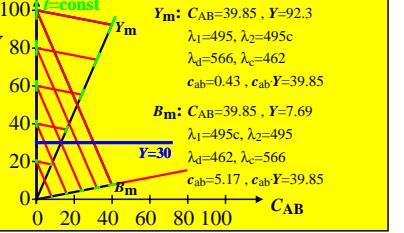
$Y00G_m$:XYZ=76.6, 81.9, 1.1
ABCh=−1.2, 35.2, 35.2, 92
$λ_{12dc}$=520, 520c, 570, 471

$G95Y_n$: XYZ=68.0, 74.3, 0.8
ABCh=−2.6, 32.0, 32.1, 94

$B00R_m$:XYZ=18.3, 18.0, 107.7
ABCh=1.2, −35.2, 35.2, 272
$λ_{12dc}$=520c, 520, 471, 570

$R90B_n$: XYZ=15.9, 15.7, 96.7
ABCh=0.9, −31.8, 31.8, 271

gek90−7n

CIE data for antichromatic optimal Ostwald colours of maximum (m) chromatic value for D65 and Y_w=100, Y20Gm=495_770, B20Rm=380_495 and data for the NCS hues G80Yn, and R75Bn

$Y20G_m$:XYZ=77.0, 92.3, 4.5
ABCh=−10.6, 38.3, 39.8, 105
$λ_{12dc}$=495, 495c, 566, 462

$G80Y_n$: XYZ=58.8, 70.3, 0.8
ABCh=−8.0, 30.2, 31.3, 104

$B20R_m$:XYZ=18.0, 7.6, 104.3
ABCh=10.6, −38.3, 39.8, 285
$λ_{12dc}$=495c, 495, 462, 566

$R75B_n$: XYZ=22.1, 12.7, 106.9
ABCh=10.0, −37.2, 38.5, 285

gek90−8n

CIE data for antichromatic optimal Ostwald colours of threshold value t for Y=const and for D65 and Y_w=100, Ym=520_770, Bm=380_520

Y_m: C_{AB}=35.26, Y=81.98
$λ_1$=520, $λ_2$=520c
$λ_d$=570, $λ_c$=471
c_{ab}=0.43, c_{ab}Y=35.26

B_m: C_{AB}=35.26, Y=18.01
$λ_1$=520c, $λ_2$=520
$λ_d$=471, $λ_c$=570
c_{ab}=1.95, c_{ab}Y=35.26

t=const
Y=30

gek91−7n

CIE data for antichromatic optimal Ostwald colours of threshold value t for Y=const and for D65 and Y_w=100, Ym=495_770, Bm=380_495

Y_m: C_{AB}=39.85, Y=92.3
$λ_1$=495, $λ_2$=495c
$λ_d$=566, $λ_c$=462
c_{ab}=0.43, c_{ab}Y=39.85

B_m: C_{AB}=39.85, Y=7.69
$λ_1$=495c, $λ_2$=495
$λ_d$=462, $λ_c$=566
c_{ab}=5.17, c_{ab}Y=39.85

t=const
Y=30

gek91−8n

TUB-test chart gek9; CIE data of antichromatic *Ostwald* colours of maximum chromatic value for D65. Comparison of colours neither luminous nor blackish of *Ostwald* and *NCS*