

XYZ_w=95.04, 100.0, 108.89

A₂ = 2,5 (a₂ - a_{2,n}) Y

B₂ = 2,5 (b₂ - b_{2,n}) Y

a₂ = a₂₀ [(x - x_c) / y]

b₂ = b₂₀ B_c [z / y]

a₂₀ = 1, b₂₀ = -0,4

x_c = 0,110, B = 0,800

C_{AB2} = [A₂² + B₂²]^{1/2}

6 Ostwald-Farben (o), C_{AB,2} = const

Farbenraum (C_{AB,2}, L*_{TAR})

L*_{TAR} = 50 + 50[e^x + e^{-x}] / [e^x + e^{-x}]

Y_c = Y/18, x = log[Y_c]

Lichtart D65, Y_w = 54.0, Y_n = 6.0

Name Bereich X Y Z x x_n y_n λ_a λ_c a₂ b₂ c₂ A₂ B₂ C_{AB,2} L*_{TAR} Y_c L*_{CIE} L*_{Ch} L*_{TUV} L*_{Tar}

R_567_775_30.89_21.77_5.9_0.527_0.371_596_489_1.122_-0.086_0.57_27.5_14.2_31.0_27_1.2_3.7_4.3_4.7_4.1

Y_493_775_38.44_46.11_8.79_0.441_493_570_463_0.61_-0.061_0.287_-0.5_33.1_31.0_9.1_2.56_23.6_24.3_23.3_19.3

G_493_775_12.68_29.74_7.77_0.247_58_535_535_0.237_-0.094_0.456_-28.1_18.8_33.9_14.6_1.05_11.4_12.0_12.4_10.7

C_380_567_20.43_32.22_52.9_0.193_305_489_596_0.273_-0.525_0.385_-27.5_-14.2_31.0_20.7_1.79_13.5_14.1_14.4_12.3

B_380_493_12.87_7.88_50.0_0.181_801_1111_463_570_0.646_-2.03_1.682_0.5_-33.1_31.3_27.1_0.43_-16.2_-15.9_20.5_-17.2

M_567_493_38.63_24.25_50.0_0.202_342_214_535_535_1.08_-0.659_0.559_28.1_-18.8_33.9_326_1.34_6.3_6.9_7.4_6.4

W_380_775_51.32_54.20_58.8_0.312_329_546_0.616_-0.348_0.01_0.0_0.0_0.0_3.0_28.4_29.2_27.3_22.1

N_380_775_5.7_6.0_6.53_0.312_0.329_6.0_0.616_-0.348_0.01_0.0_0.0_0.0_178_0.33_-20.5_-20.2_-27.3_-22.1

U_380_775_17.1_18.0_19.6_0.312_0.329_18%_0.616_-0.348_0.01_0.0_0.0_0.0_180_1.0_-0.4_0.0_0.0_0.0

-74 Parameter:

L*_{TAR} = L*_{TAR} - 50

L*_{TAR} & Name

Y_c = Y/18,

L* = L* - 50

62C_d

64R_{B,2}

54R_d

46

50

40

0

-3

-50

50

40

50

50

50

50

50

50

50

fige41-5a

XYZ_w=100.93, 100.0, 64.68

A₂ = 2,5 (a₂ - a_{2,n}) Y

B₂ = 2,5 (b₂ - b_{2,n}) Y

a₂ = a₂₀ [(x - x_c) / y]

b₂ = b₂₀ B_c [z / y]

a₂₀ = 1, b₂₀ = -0,4

x_c = 0,110, B = 1,300

C_{AB2} = [A₂² + B₂²]^{1/2}

6 Ostwald-Farben (o), C_{AB,2} = const

Farbenraum (C_{AB,2}, L*_{TAR})

L*_{TAR} = 50 + 50[e^x + e^{-x}] / [e^x + e^{-x}]

Y_c = Y/18, x = log[Y_c]

Lichtart P40, Y_w = 54.0, Y_n = 6.0

Name Bereich X Y Z x x_n y_n λ_a λ_c a₂ b₂ c₂ A₂ B₂ C_{AB,2} L*_{TAR} Y_c L*_{CIE} L*_{Ch} L*_{TUV} L*_{Tar}

R_573_775_35.77_21.17_3.51_0.572_0.371_600_493_1.247_-0.078_0.589_30.7_14.9_34.1_25_1.28_5.2_5.8_6.2_5.4

Y_498_775_44.58_46.59_5.24_0.462_483_576_468_0.729_-0.058_0.278_1.4_32.3_32.3_8.7_2.58_23.9_24.6_23.6_19.5

G_498_775_14.26_28.81_5.22_0.295_596_540_500_3.1_-0.094_0.443_-29.2_17.4_34.0_14.9_1.6_10.6_11.2_11.6_10.0

C_380_573_18.72_30.82_31.42_0.231_388_493_600_0.318_-0.529_0.475_-30.7_-14.9_34.1_20.5_1.71_12.3_12.9_13.3_11.4

B_380_498_9.91_7.4_29.68_0.21_157_468_576_0.64_-2.083_1.748_-1.4_-32.3_32.3_267_0.41_-17.2_-16.9_-22.0_-18.3

M_573_498_40.24_25.18_29.7_0.423_264_540_540_1.182_-0.613_0.541_29.2_-17.4_34.0_329_1.39_7.2_7.8_8.3_7.2

W_380_775_54.5_54.0_34.93_0.379_0.376_54%_0.717_-0.336_0.01_0.0_0.0_0.0_3.0_28.4_29.2_27.3_22.1

N_380_775_6.05_6.0_6.88_0.379_0.376_6.0_0.717_-0.336_0.01_0.0_0.0_0.0_180_0.33_-20.5_-20.2_-27.3_-22.1

U_380_775_18.16_18.0_11.64_0.379_0.376_18%_0.717_-0.336_0.01_0.0_0.0_0.0_163_1.0_-0.4_0.0_0.0_0.0

fige41-7a

fige40-7R_R

XYZ_w=96.42, 100.0, 82.49

A₂ = 2,5 (a₂ - a_{2,n}) Y

B₂ = 2,5 (b₂ - b_{2,n}) Y

a₂ = a₂₀ [(x - x_c) / y]

b₂ = b₂₀ B_c [z / y]

a₂₀ = 1, b₂₀ = -0,4

x_c = 0,110, B = 1,000

C_{AB2} = [A₂² + B₂²]^{1/2}

6 Ostwald-Farben (o), C_{AB,2} = const

Farbenraum (C_{AB,2}, L*_{TAR})

L*_{TAR} = 50 + 50[e^x + e^{-x}] / [e^x + e^{-x}]

Y_c = Y/18, x = log[Y_c]

Lichtart D50, Y_w = 54.0, Y_n = 6.0

Name Bereich X Y Z x x_n y_n λ_a λ_c a₂ b₂ c₂ A₂ B₂ C_{AB,2} L*_{TAR} Y_c L*_{CIE} L*_{Ch} L*_{TUV} L*_{Tar}

R_570_775_33.24_22.67_4.47_0.55_375_598_491_1.172_-0.078_0.573_29.2_14.2_32.5_25_1.25_4.7_5.2_5.7_4.9

Y_496_775_41.1_46.02_6.29_0.44_462_573_468_0.609_-0.054_0.275_1.4_31.6_31.7_8.7_2.59_23.5_24.3_23.3_19.3

G_496_770_13.07_28.74_27.2_0.271_597_538_538_0.27_-0.087_0.456_-27.7_17.4_32.8_14.7_1.55_10.5_11.1_11.6_10.0

C_380_570_18.82_31.32_40.07_0.208_347_491_598_0.284_-0.511_0.415_-29.2_-14.2_32.5_205_1.74_12.7_13.4_13.7_11.8

B_380_496_10.96_7.97_38.25_0.191_139_468_573_0.585_-1.917_1.589_-1.4_-31.6_31.7_267_0.44_-16.0_-15.7_-20.2_-16.9

M_570_496_38.99_25.25_38.27_0.38_246_538_538_1.097_-0.606_0.519_27.7_-17.4_32.8_327_1.4_7.3_7.9_8.4_7.3

W_380_775_52.06_54.0_44.54_0.345_0.358_54%_0.657_-0.329_0.01_0.0_0.0_0.0_3.0_28.4_29.2_27.3_22.1

N_380_775_5.78_6.0_4.94_0.345_0.358_6.0_0.657_-0.329_0.01_0.0_0.0_0.0_181_0.33_-20.5_-20.2_-27.3_-22.1

U_380_775_17.35_18.0_14.84_0.345_0.358_18%_0.657_-0.329_0.01_0.0_0.0_0.0_201_1.0_-0.4_0.0_0.0_0.0

fige41-6a

XYZ_w=109.84, 99.99, 35.58

A₂ = 2,5 (a₂ - a_{2,n}) Y

B₂ = 2,5 (b₂ - b_{2,n}) Y

a₂ = a₂₀ [(x - x_c) / y]

b₂ = b₂₀ B_c [z / y]

a₂₀ = 1, b₂₀ = -0,4

x_c = 0,110, B = 2,500

C_{AB2} = [A₂² + B₂²]^{1/2}

6 Ostwald-Farben (o), C_{AB,2} = const

Farbenraum (C_{AB,2}, L*_{TAR})

L*_{TAR} = 50 + 50[e^x + e^{-x}] / [e^x + e^{-x}]

Y_c = Y/18, x = log[Y_c]

Lichtart A00, Y_w = 54.0, Y_n = 6.0

Name Bereich X Y Z x x_n y_n λ_a λ_c a₂ b₂ c₂ A₂ B₂ C_{AB,2} L*_{TAR} Y_c L*_{CIE} L*_{Ch} L*_{TUV} L*_{Tar}

R_579_775_40.44_23.98_1.93_0.609_361_605_499_1.381_-0.08_0.618_31.3_16.4_37.0_26_1.33_6.0_6.6_7.1_6.1

Y_504_775_51.06_46.86_2.93_0.506_464_481_474_0.852_-0.062_0.294_2.8_34.3_34.4_8.5_2.6_24.1_24.8_23.7_19.6

G_504_579_16.55_28.28_21.91_0.346_592_547_540_0.396_-0.103_0.497_-30.3_17.8_35.1_14.9_1.57_10.1_10.7_11.2_9.6

C_380_579_18.87_30.01_17.27_0.285_453_499_605_0.386_-0.575_0.495_-33.1_-16.4_37.0_206_1.66_11.6_12.2_12.7_10.9

B_380_504_8.25_7.13_16.28_0.26_225_474_581_0.668_-2.281_1.932_-2.8_-34.3_34.4_265_0.39_-17.8_-17.5_-22.9_-19.0

M_579_504_42.76_25.16_16.3_0.504_303_547_547_1.3_-0.633_0.547_30.3_-17.8_35.1_329_1.42_7.7_8.3_8.8_7.6

W_380_775_59.31_53.99_19.21_0.447_0.407_54%_0.828_-0.355_0.01_0.0_0.0_0.0_3.0_28.4_29.2_27.3_22.1

N_380_775_6.59_6.0_5.99_0.447_0.407_6.0_0.828_-0.355_0.01_0.0_0.0_0.0_176_0.33_-20.5_-20.2_-27.3_-22.1

U_380_775_19.77_17.99_6.4_0.447_0.407_18%_0.828_-0.355_0.01_0.0_0.0_0.0_163_1.0_-0.4_0.0_0.0_0.0

fige41-8a

-74 Parameter:

L*_{TAR} = L*_{TAR} - 50

L*_{TAR} & Name

Y_c = Y/18,

L* = L* - 50

72C_d

65R_{B,2}

55R_d

46

50

40

0

-3

-50

50

40

50

50

50

50

50

50

50

fige41-6a

XYZ_w=109.84, 99.99, 35.58

A₂ = 2,5 (a₂ - a_{2,n}) Y

B₂ = 2,5 (b₂ - b_{2,n}) Y

a₂ = a₂₀ [(x - x_c) / y]

b₂ = b₂₀ B_c [z / y]

a₂₀ = 1, b₂₀ = -0,4

x_c = 0,110, B = 2,500

C_{AB2} = [A₂² + B₂²]^{1/2}

6 Ostwald-Farben (o), C_{AB,2} = const

Farbenraum (C_{AB,2}, L*_{TAR})

L*_{TAR} = 50 + 50[e^x + e^{-x}] / [e^x + e^{-x}]

Y_c = Y/18, x = log[Y_c]

Lichtart A00, Y_w = 54.0, Y_n = 6.0

Name Bereich X Y Z x x_n y_n λ_a λ_c a₂ b₂ c₂ A₂ B₂ C_{AB,2} L*_{TAR} Y_c L*_{CIE} L*_{Ch} L*_{TUV} L*_{Tar}

R_579_775_40.44_23.98_1.93_0.609_361_605_499_1.381_-0.08_0.618_31.3_16.4_37.0_26_1.33_