

Colorimetric "Standard data": Television Luminous System TLS00 for CIE lightness $L^*=00$ of black and for CIE standard illuminant D65

Table with 16 columns: Colour, r_d, g_d, b_d, L*_d, C*_ab,d, h_ab,d, a*_d, b*_d, X_d, Y_d, Z_d, x_d, y_d, Y_d/88.59. Rows include WCGa, LabC*h_ab, D65 reflection, Y_N = 0.01, L*_d = 0.08, Normalization, and white Y_W=89.

Colorimetric "Adapted data (a)": Television Luminous System TLS00a for CIE lightness $L^*=00a$ of black and for CIE standard illuminant D65

Table with 16 columns: Colour, r_d, g_d, b_d, L*_d, C*_ab,d, h_ab,d, a*_d, b*_d, X_d, Y_d, Z_d, x_d, y_d, Y_d/88.59. Rows include WCGa, LabC*h_ab, D65 reflection, Y_N = 0.01, L*_d = 0.08, Normalization, and white Y_W=89.

Colorimetric "Adapted data (b)": Television Luminous System TLS00b for CIE lightness $L^*=00b$ of black and for CIE standard illuminant D65

Table with 16 columns: Colour, r_d, g_d, b_d, L*_d, C*_ab,d, h_ab,d, a*_d, b*_d, X_d, Y_d, Z_d, x_d, y_d, Y_d/88.59. Rows include WCGa, LabC*h_ab, D65 reflection, Y_N = 0.0, L*_d = 0.0, Normalization, and white Y_W=89.

see similar files: http://farbe.li.tu-berlin.de/AEK4/AEK4.L0NP.PDF /.PS application for evaluation and measurement of display or print output

TUB registration: 20200901-AEK4/AEK4L0NP.PDF /.PS TUB material: code=rh4ta

N: no 3D-linearization (OL) in file (F) or PS-startup (S)

Colorimetric "Adapted data (b)": Television Luminous System TLS00b for CIE lightness $L^*=00$ of black and for CIE standard illuminant D65

Table with 17 columns: System TLS00b, Colour, r_d, g_d, b_d, L*_d, C*_ab,d, h_ab,d, a*_d, b*_d, X_d, Y_d, Z_d, x_d, y_d, Y_d/88.59. Rows include WCGa, LabC*h_ab, D65 reflection, Y_N = 0.0, L*_N = 0,0, Normalization, and white Y_W=89.

Calculated colorimetric data: Television Luminous Systems TLSxxa for CIE lightness $L^*=00, 06, 11, 18$ of black and for CIE standard illuminant D65

Table with 17 columns: System TLS00a, Colour, r_d, g_d, b_d, L*_d, C*_ab,d, h_ab,d, a*_d, b*_d, X_d, Y_d, Z_d, x_d, y_d, Y_d/88.59. Rows include WCGa, LabC*h_ab, D65 reflection, Y_N = 0.0, L*_N = 0,0, Normalization, and white Y_W=89.

Table with 17 columns: System TLS06a, Colour, r_d, g_d, b_d, L*_d, C*_ab,d, h_ab,d, a*_d, b*_d, X_d, Y_d, Z_d, x_d, y_d, Y_d/88.59. Rows include WCGa, LabC*h_ab, D65 reflection, Y_N = 0.63, L*_N = 5.69, Normalization, and white Y_W=89.

Table with 17 columns: System TLS11a, Colour, r_d, g_d, b_d, L*_d, C*_ab,d, h_ab,d, a*_d, b*_d, X_d, Y_d, Z_d, x_d, y_d, Y_d/88.59. Rows include WCGa, LabC*h_ab, D65 reflection, Y_N = 1.26, L*_N = 11.0, Normalization, and white Y_W=89.

Table with 17 columns: System TLS18a, Colour, r_d, g_d, b_d, L*_d, C*_ab,d, h_ab,d, a*_d, b*_d, X_d, Y_d, Z_d, x_d, y_d, Y_d/88.59. Rows include WCGa, LabC*h_ab, D65 reflection, Y_N = 2.52, L*_N = 18.01, Normalization, and white Y_W=89.

see similar files: http://farbe.li.tu-berlin.de/AEK4/AEK4L0NP.PDF /.PS application for evaluation and measurement of display or print output, no separation

TUB registration: 20200901-AEK4/AEK4L0NP.PDF /.PS TUB material: code=rh4ta

N: no 3D-linearization (OL) in file (F) or PS-startup (S)

Colorimetric "Adapted data (b)": Television Luminous System TLS00b for CIE lightness $L^*=00$ of black and for CIE standard illuminant D65

Table with 17 columns: System, Colour, r_d, g_d, b_d, L*_d, C*_ab,d, h_ab,d, a*_d, b*_d, X_d, Y_d, Z_d, x_d, y_d, Y_d/88.59. Rows include WCGa, LabC*h_ab, D65 reflection, Y_N=0.0, L*_N=0.0, Normalization, and white Y_W=89.

Calculated colorimetric data: Television Luminous Systems TLSxxa for CIE lightness $L^*=27, 33, 52, 70$ of black and for CIE standard illuminant D65

Table with 17 columns: System, Colour, r_d, g_d, b_d, L*_d, C*_ab,d, h_ab,d, a*_d, b*_d, X_d, Y_d, Z_d, x_d, y_d, Y_d/88.59. Rows include System TLS27a, WCGa, LabC*h_ab, D65 reflection, Y_N=5.04, L*_N=26.85, Normalization, and white Y_W=89.

Table with 17 columns: System, Colour, r_d, g_d, b_d, L*_d, C*_ab,d, h_ab,d, a*_d, b*_d, X_d, Y_d, Z_d, x_d, y_d, Y_d/88.59. Rows include System TLS38a, WCGa, LabC*h_ab, D65 reflection, Y_N=10.08, L*_N=37.99, Normalization, and white Y_W=89.

Table with 17 columns: System, Colour, r_d, g_d, b_d, L*_d, C*_ab,d, h_ab,d, a*_d, b*_d, X_d, Y_d, Z_d, x_d, y_d, Y_d/88.59. Rows include System TLS52a, WCGa, LabC*h_ab, D65 reflection, Y_N=20.16, L*_N=52.02, Normalization, and white Y_W=89.

Table with 17 columns: System, Colour, r_d, g_d, b_d, L*_d, C*_ab,d, h_ab,d, a*_d, b*_d, X_d, Y_d, Z_d, x_d, y_d, Y_d/88.59. Rows include System TLS70a, WCGa, LabC*h_ab, D65 reflection, Y_N=40.32, L*_N=69.7, Normalization, and white Y_W=89.

Test chart AEK4; 8 basic colors RYGBMNV_d for TLS00 .. TLS70 input: rgb/cmy0/000n/w
Calculation of LabC*h_ab data for Ostw display for 8 reflections for normalization white Y_W=89

see similar files: http://farbe.li.tu-berlin.de/AEK4/AEK4L0NP.PDF /.PS
technical information: http://farbe.li.tu-berlin.de or http://130.149.60.45/~farbmetrik

TUB registration: 20200901-AEK4/AEK4L0NP.PDF /.PS
application for evaluation and measurement of display or print output, no separation
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