

see similar files of the whole serie: http://farbe.li.tu-berlin.de/heps.htm technical information: http://farbe.li.tu-berlin.de OR http://color.li.tu-berlin.de

TUB registration: 20241101-hep1/hep110np.pdf / .ps application for evaluation and measurement of display or print output TUB material: code=rh4ta

Relationship between brightness B*T and luminance LT as function of viewing angle phi for surround luminance Ln=300 cd/m^2. Table with columns for L_n, phi, C_T(phi), S_0(phi), S_1(phi), B_0(phi), B*, L_s, L_n/L_s. Includes equations for B*(L_T, L_n, phi) and B_0(L_n, phi).

Relationship between brightness B*T and luminance LT as function of viewing angle phi for surround luminance Ln=1000 cd/m^2. Table with columns for L_n, phi, C_T(phi), S_0(phi), S_1(phi), B_0(phi), B*, L_s, L_n/L_s. Includes equations for B*(L_T, L_n, phi) and B_0(L_n, phi).

Relationship between brightness B*T and luminance LT as function of viewing angle phi for surround luminance Ln=300 cd/m^2. Table with columns for L_n, phi, C_T(phi), S_0(phi), S_1(phi), B_0(phi), B*, s(phi), d(phi). Includes equations for B*(L_T, L_n, phi) and B_0(L_n, phi).

Relationship between brightness B*T and luminance LT as function of viewing angle phi for surround luminance Ln=1000 cd/m^2. Table with columns for L_n, phi, C_T(phi), S_0(phi), S_1(phi), B_0(phi), B*, s(phi), d(phi). Includes equations for B*(L_T, L_n, phi) and B_0(L_n, phi).

Relationship between brightness B*T and luminance LT as function of viewing angle phi for surround luminance Ln=200 cd/m^2. Table with columns for L_n, phi, C_T(phi), S_0(phi), S_1(phi), B_0(phi), B*, L_s, L_n/L_s. Includes equations for B*(L_T, L_n, phi) and B_0(L_n, phi).

Relationship between brightness B*T and luminance LT as function of viewing angle phi for surround luminance Ln=40 cd/m^2. Table with columns for L_n, phi, C_T(phi), S_0(phi), S_1(phi), B_0(phi), B*, L_s, L_n/L_s. Includes equations for B*(L_T, L_n, phi) and B_0(L_n, phi).

Relationship between brightness B*T and luminance LT as function of viewing angle phi for surround luminance Ln=200 cd/m^2. Table with columns for L_n, phi, C_T(phi), S_0(phi), S_1(phi), B_0(phi), B*, s(phi), d(phi). Includes equations for B*(L_T, L_n, phi) and B_0(L_n, phi).

Relationship between brightness B*T and luminance LT as function of viewing angle phi for surround luminance Ln=40 cd/m^2. Table with columns for L_n, phi, C_T(phi), S_0(phi), S_1(phi), B_0(phi), B*, s(phi), d(phi). Includes equations for B*(L_T, L_n, phi) and B_0(L_n, phi).

Relationship between brightness B*T and luminance LT as function of viewing angle phi for surround luminance Ln=300 cd/m^2. Table with columns for L_n, phi, C_T(phi), S_0(phi), S_1(phi), B_0(phi), B*, s_x(phi), d(phi). Includes equations for B*(L_T, L_n, phi) and B_0(L_n, phi).

Relationship between brightness B*T and luminance LT as function of viewing angle phi for surround luminance Ln=1000 cd/m^2. Table with columns for L_n, phi, C_T(phi), S_0(phi), S_1(phi), B_0(phi), B*, s_x(phi), d(phi). Includes equations for B*(L_T, L_n, phi) and B_0(L_n, phi).

CIELAB lightness L*, tristimulus value discrimination dY, contrast (Y/dY), and sensitivity (dY/Y). Includes equations for L* and dY, and log-log diagrams for discrimination.

CIELAB lightness L*, CIE tristimulus value discrimination dY and CIE contrast sensitivity (Y/dY). Includes equations for L* and dY, and log-log diagrams for discrimination.

Relationship between brightness B*T and luminance LT as function of viewing angle phi for surround luminance Ln=200 cd/m^2. Table with columns for L_n, phi, C_T(phi), S_0(phi), S_1(phi), B_0(phi), B*, s_x(phi), d(phi). Includes equations for B*(L_T, L_n, phi) and B_0(L_n, phi).

Relationship between brightness B*T and luminance LT as function of viewing angle phi for surround luminance Ln=40 cd/m^2. Table with columns for L_n, phi, C_T(phi), S_0(phi), S_1(phi), B_0(phi), B*, s_x(phi), d(phi). Includes equations for B*(L_T, L_n, phi) and B_0(L_n, phi).

IECsRGB-triangle lightness T*, CIE tristimulus value discrimination dY and CIE contrast (Y/dY) sRGB. Includes equations for T* and dY, and log-log diagrams for discrimination.

IECsRGB-triangle lightness T*, CIE tristimulus value discrimination dY and CIE contrast (Y/dY) sRGB. Includes equations for T* and dY, and log-log diagrams for discrimination.

hep10-1a, hep10-2a, hep10-3a, hep10-3R, hep10-5a, hep10-7a, hep10-7R, R

hep10-2a, hep10-4a, hep10-3a, hep10-3R, hep10-6a, hep10-8a

hep11-1a, hep11-3a, hep11-3a, hep11-3R, hep11-5a, eer30-1n, hep11-7a, eer31-1n, hep11-7n

hep11-2a, hep11-4a, hep11-6a, eer30-2n, hep11-8a, eer31-2n

TUB-test chart hep1; Relationship between brightness B*T and luminance LT as function of sample viewing angle phi for adaptation luminances La=(300, 1000, 200, 40)cd/m^2