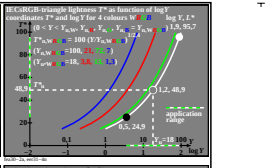
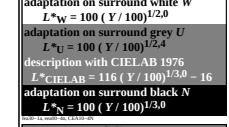
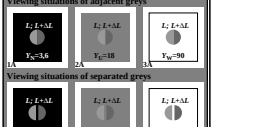
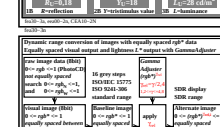
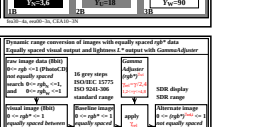
sensation scaling functions
lightness L^* and tristimulus value Y
adaptation on surround white W
$L^*_W = 100\ (\ Y\ /\ 100)^{1/2,0}$
adaptation on surround grey U
$L^*_U = 100\ (\ Y\ /\ 100)^{1/2,4}$
description with CIELAB 1976
$L^*_{CIELAB} = 116\ (\ Y\ /\ 100)^{1/3,0} - 16$
adaptation on surround black N
$L^*_N = 100\ (\ Y\ /\ 100)^{1/3,0}$

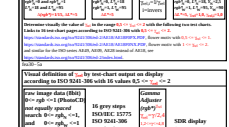


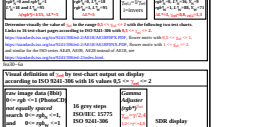


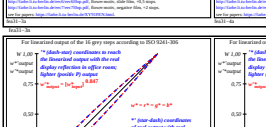


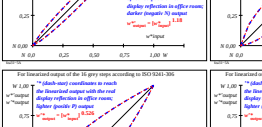


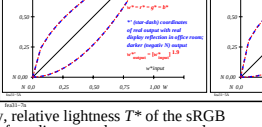












TUB-test chart fea3; Lightness L^* in the colourimetry, relative lightness T^* of the sRGB primary colours according to IEC 61966-2-1, spacing for adjacent and separate samples