Three device (d) coordinates rgb_{d}^{*} describe 8 device colours RGB_{d} , CMY_d, and NW. Hexagon-triangle system based on device (d) colours: $rgb*_{d}$ with linear relations between rgb*a - LCH*a (compare approximately linear relations between rgb_{sRGB} and L*) 5 equal steps Equations $rgb_{d}^{*} - LCH_{d}^{*}$ in both directions have been published, see: Richter, CIE-Proceedings, Beijing, 2008, Volume 3 und DIN 33872-1 Three equations (tables) are needed for office applications: a* $rgb_d - LCH^{*'}_d$ for a 9x9x9 grid of equally spaced rgb_d input data $rgb*_{d} - LCH*_{d}$ a 9x9x9 grid of equally spaced data $rgb*_{d}$ and $LCH*_{d}$ *rgb*'*_d – *LCH*'*_d ~ *LCH**_d device linearization: *rgb*_d –>*rgb*'*_d=*rgb*_{dd} SS201-5N