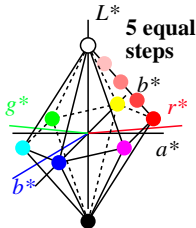


6 Elementary (e) colours $rgb_e^* = rgb^*$ in CIELAB: RJGB and NW

Hexagon-triangle system based on elementary (e) colours: $rgb_e^* = rgb^*$ with **linear relations** between $rgb_e \rightarrow rgb^* - LCH^*$ (compare linear relations between rgb_{sRGB} and L^*)



Equations $rgb^* - LCH^*$ 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:

$rgb_e - LCH^*$	for a 9x9x9 grid of equally spaced rgb_e -input data
$rgb^* - LCH^*$	a 9x9x9 grid of equally spaced data rgb^* and LCH^*
$rgb'^* - LCH^*$	Device output linearisation by $rgb_e \rightarrow rgb'^*$