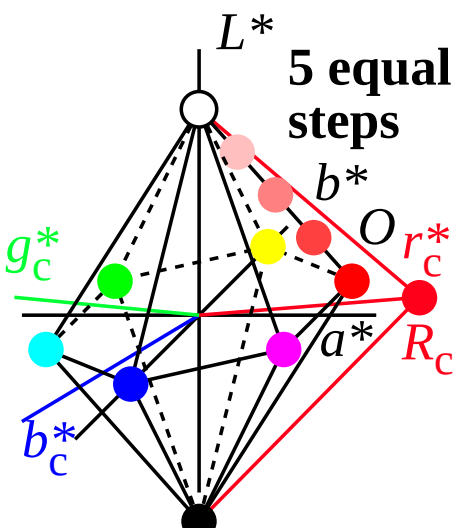
6 Elementary (e) colours $rgb^*_e = rgb^*$ in CIELAB: RJGB and NW



Hexagon-triangle system based on elementary (e) colours: $rgb^*_e = rgb^*$ with **linear relations** between rgb_e –> rgb^*_c – 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^*_c – LCH^*	a 9x9x9 grid of equally spaced data rgb^*_c and LCH^*
rgb'^*_c – LCH^*	**Device output linearisation by rgb_e –> rgb'^*_c**