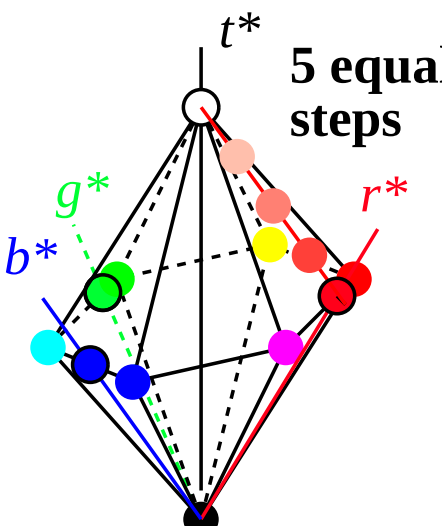
6 Elementary (e) colours ***rgb*$_e$*=rgb* in CIELAB: RJGB*** and *NW*



Hexagon-triangle system based on elementary (e) colours: ***rgb*$_e$*=rgb*** with **linear relations** between ***rgb*$_e$ −> rgb* − 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*$_e$ −> rgb'****

KE291-5N