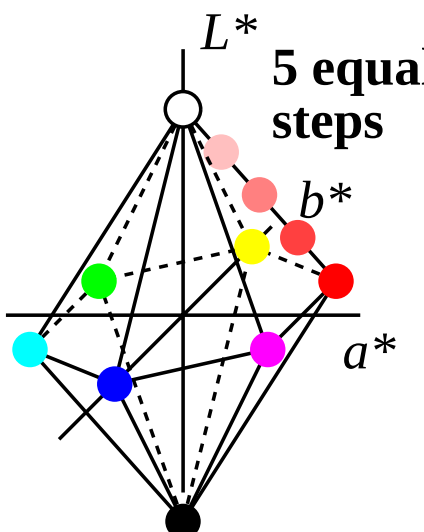
8 Device (d) colours, 4 elementary hue angles (h) in CIELAB: *OYLCVM, NW, RJGB*$_h$



Hexagon-triangle system based on device (d) colours: ***rgb***$^*_d$**=*olv**** with **linear relations** between ***rgb***$^*_d$ **−** ***LCH****, and ***rgb***$^*_h$ **−** ***LCH****

(compare linear relations between rgb$_{sRGB}$ *and L*)*

Equations *rgb*$^*_d$ − *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$_d$ **−** ***LCH*'***	for a 9x9x9 grid of equally spaced *rgb*$_d$-input data
rgb$^*_h$ **−** ***LCH****	a 9x9x9 grid of equally spaced data *rgb*$^*_h$ and *LCH**
rgb'$_h$ **−** ***LCH****	***Device output linearisation by rgb***$_d$ **−> *rgb'***$_h$