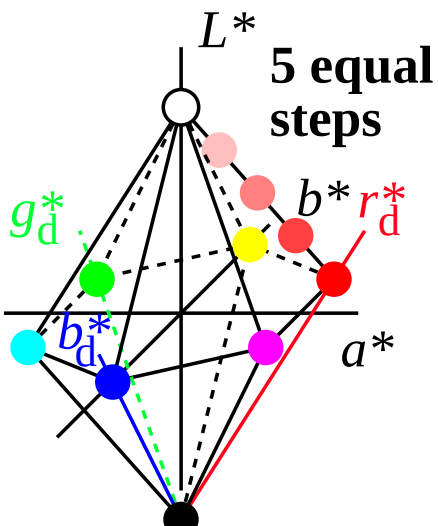
8 Device (d) colours in CIELAB: *OYLCVM* and *NW*



Hexagon-triangle system based on device (d) colours: ***rgb**$_d$=*olv****
with **linear relations** between ***rgb**$_d$** and ***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*' output a 9x9x9 grid of equally spaced *rgb*$_d$-input data
rgb*$_d$ − *LCH* a 9x9x9 grid of equally spaced data *rgb*$_d$* and *LCH**
rgb'$_d$ − *LCH* ***Device output linearisation by rgb$_d$ −> rgb'$_d$***