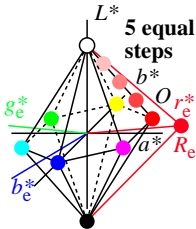


8 Device (d) colours, 4 elementary colours (e) in CIELAB: $OYLCVM, NW, RJGB_e$

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

$$rgb_d - LCH^*,$$

$$rgb_e^* - LCH^*$$

$$rgb'_e - LCH^*$$

output a 9x9x9 grid of equally spaced rgb_d -input data

a 9x9x9 grid of equally spaced data rgb_e^* and LCH^*

Device output linearisation by $rgb_d \rightarrow rgb'_e$