

8 Device (d) colours $rgb_d^* = olv^*$ 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:

$rgb_d - LCH^*$ for 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 $rgb_d \rightarrow rgb'^*_d$

