

8 Device (d) colours $rgb_{\Delta}^{\#}=olv^*$ in CIELAB: OYLVCVM and NW

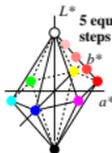
Hexagon-triangle system based on device (d) colours: $rgb_{\Delta}^{\#}=olv^*$ with **linear relations** between $rgb_{\Delta} \rightarrow olv^*$ and LCH^* (compare linear relations between rgb_{sRGB} and L^*)

Equations $olv^* - LCH^*$ 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:

$rgb_{\Delta} - LCH^*$ for a 9x9x9 grid of equally spaced rgb_{Δ} -input data
 $olv^* - LCH^*$ for a 9x9x9 grid of equally spaced data olv^* and LCH^*
 $olv^* - LCH^*$ Device output linearisation by $rgb_{\Delta} \rightarrow olv^*$

KE29-1N



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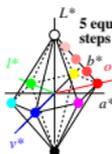
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KE29-2N



6 Elementary (e) colours $rgb_{\Delta}^{\#}=rgb^*$ in CIELAB: RJGB and NW

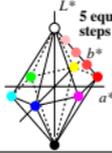
Hexagon-triangle system based on elementary (e) colours: $rgb_{\Delta}^{\#}=rgb^*$ with **linear relations** between $rgb_{\Delta} \rightarrow rgb^* - LCH^*$ (compare linear relations between rgb_{sRGB} and L^*)

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KE29-3N



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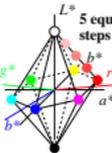
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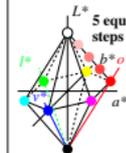
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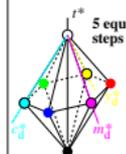
Hexagon-triangle system based on device (d) colours: $cmY_{\Delta}^{\#}=1 - olv^*$ with **linear relations** between $cmY_{\Delta} \rightarrow cmY^*$ and LCH^* (compare linear relations between rgb_{sRGB} and L^*)

Equations $cmY^* - LCH^*$ in both directions have been published, see: Richter, CIE-Proceedings, Beijing, 2008, Volume 3 und DIN 33872-1

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KE29-2N



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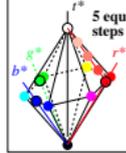
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