

Linear relation adapted (a) CIELAB ( $C^*_{ab,a}, L^*$ ) and relative CIELAB ( $c^*, t^*$ )  
 System: JE28\_sRGB display 0%\_G0

$$l^*_M = (L^*_M - L^*_N) / (L^*_W - L^*_N)$$

$$t^*_{lab*} = l^*_{lab*} - c^*_{lab*} [ l^*_M - 0,5 ]$$

$$c^*_{lab*} = C^*_{ab,a} / C^*_{ab,a,M}$$

$M$ =Maximum colour

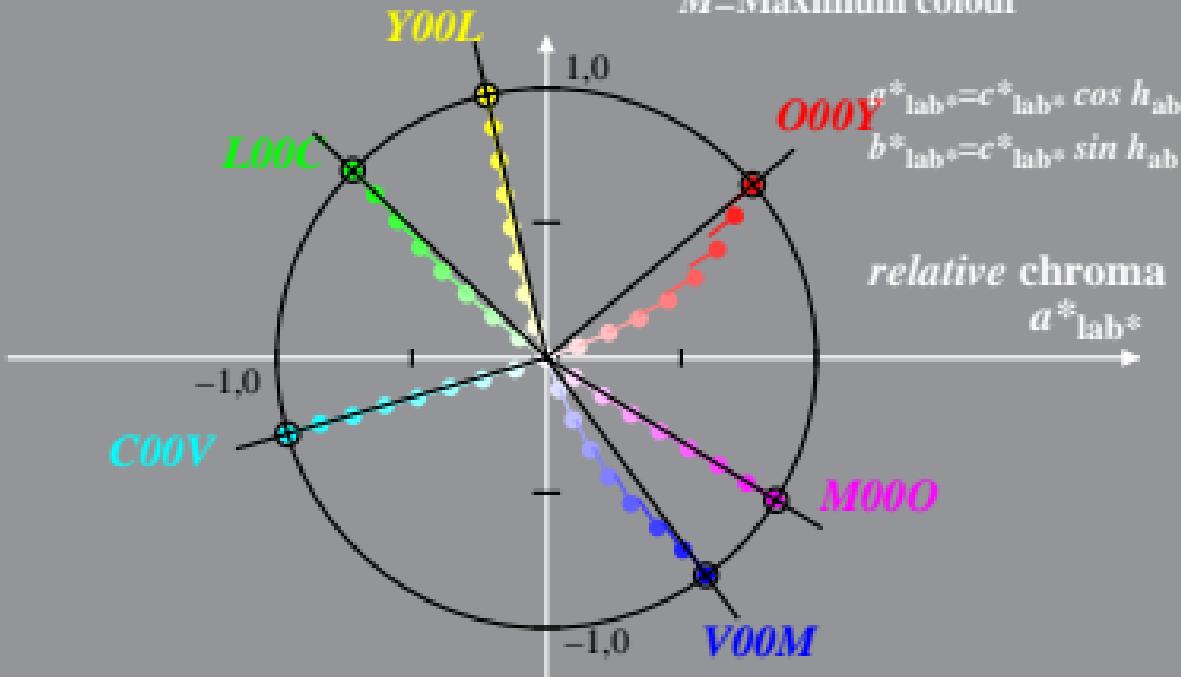
$$h_{ab,d} = [40, 102, 136, 196, 306, 328] \quad b^*_{lab*}$$

$$h_{ab,dx} = [40, 102, 136, 196, 306, 328]$$

$$\begin{aligned} a^*_{lab*} &= c^*_{lab*} \cos h_{ab} \\ b^*_{lab*} &= c^*_{lab*} \sin h_{ab} \end{aligned}$$

relative chroma

$$a^*_{lab*}$$



Linear relation adapted (a) CIELAB ( $C^*_{ab,a}, L^*$ ) and relative CIELAB ( $c^*, l^*$ )  
 System: JE28\_sRGB display 40%\_G0

$$l^*_M = (L^*_M - L^*_N) / (L^*_W - L^*_N)$$

CIELAB hue angles:

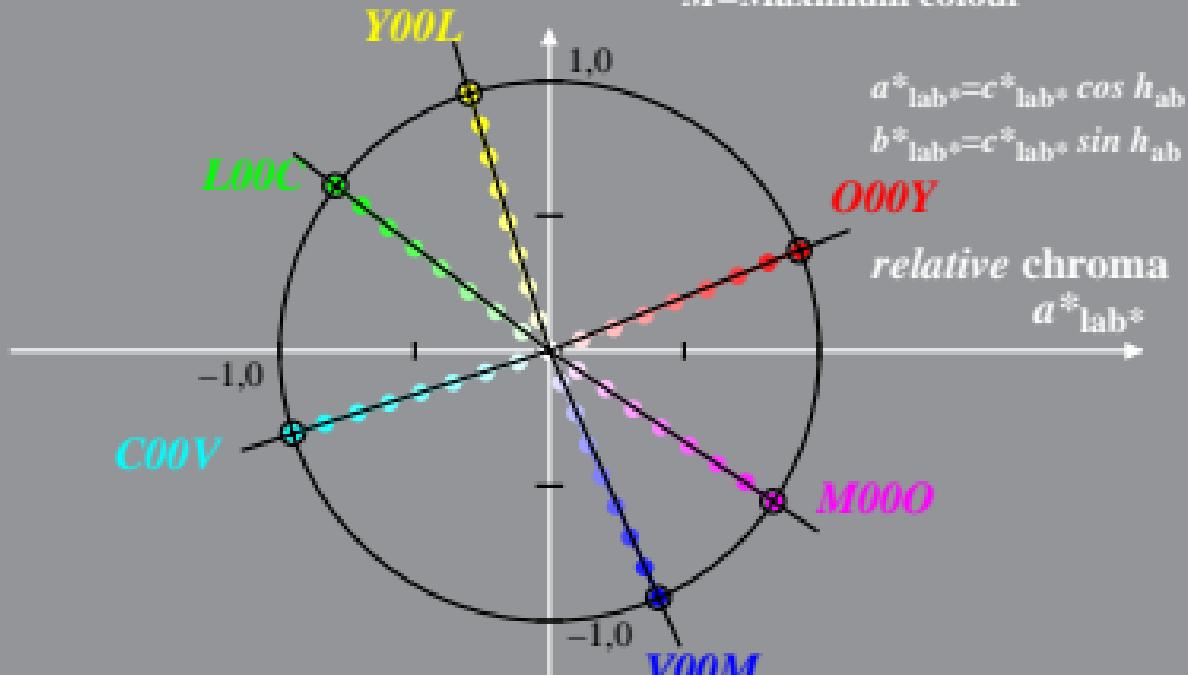
$$h_{ab,d} = [21, 107, 142, 197, 293, 326]$$

$$h_{ab,dx} = [21, 107, 142, 197, 293, 326]$$

$$l^*_{lab*} = l^*_{lab*} - c^*_{lab*} [ l^*_M - 0,5 ]$$

$$c^*_{lab*} = C^*_{ab,a} / C^*_{ab,a,M}$$

$M$ =Maximum colour



$$a^*_{lab*} = c^*_{lab*} \cos h_{ab}$$

$$b^*_{lab*} = c^*_{lab*} \sin h_{ab}$$

$O00Y$

relative chroma

$$a^*_{lab*}$$