

Linear relation adapted (a) CIELAB ( $C^*_{ab,a}, L^*$ ) and relative CIELAB ( $c^*, t^*$ )  
 System: JE29\_sRGB display 0%\_G0

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

CIELAB hue angles:

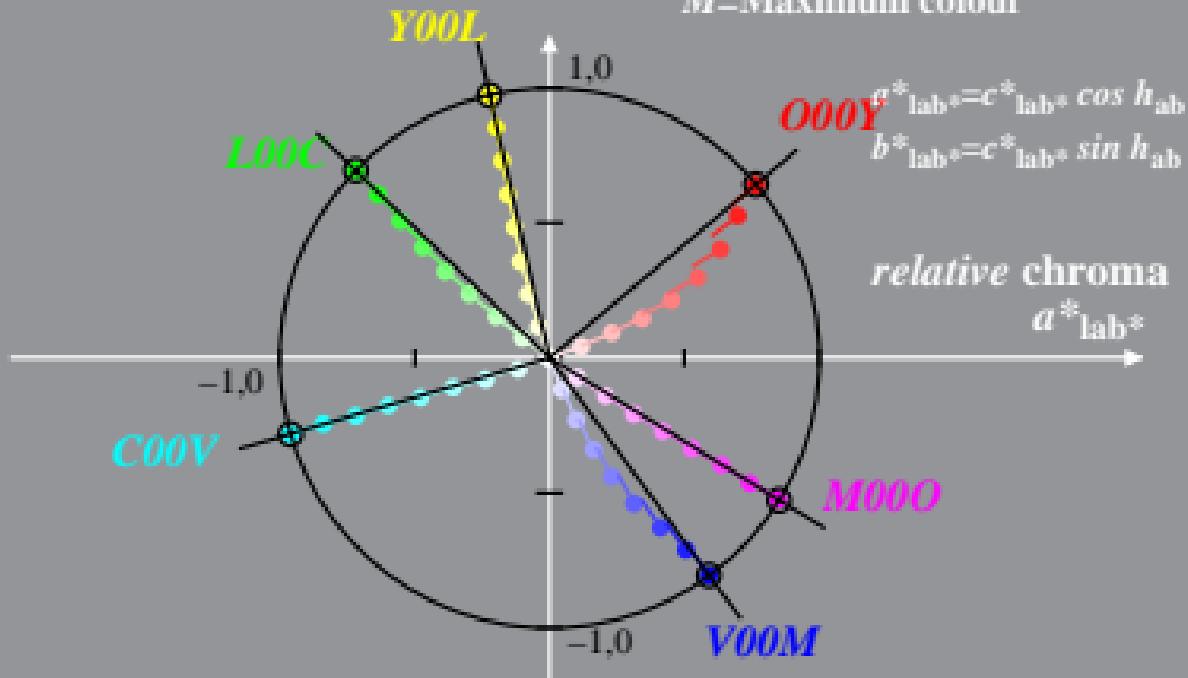
$$h_{ab,d} = [40, 102, 136, 196, 306, 328]$$

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

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

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

$M$ =Maximum colour



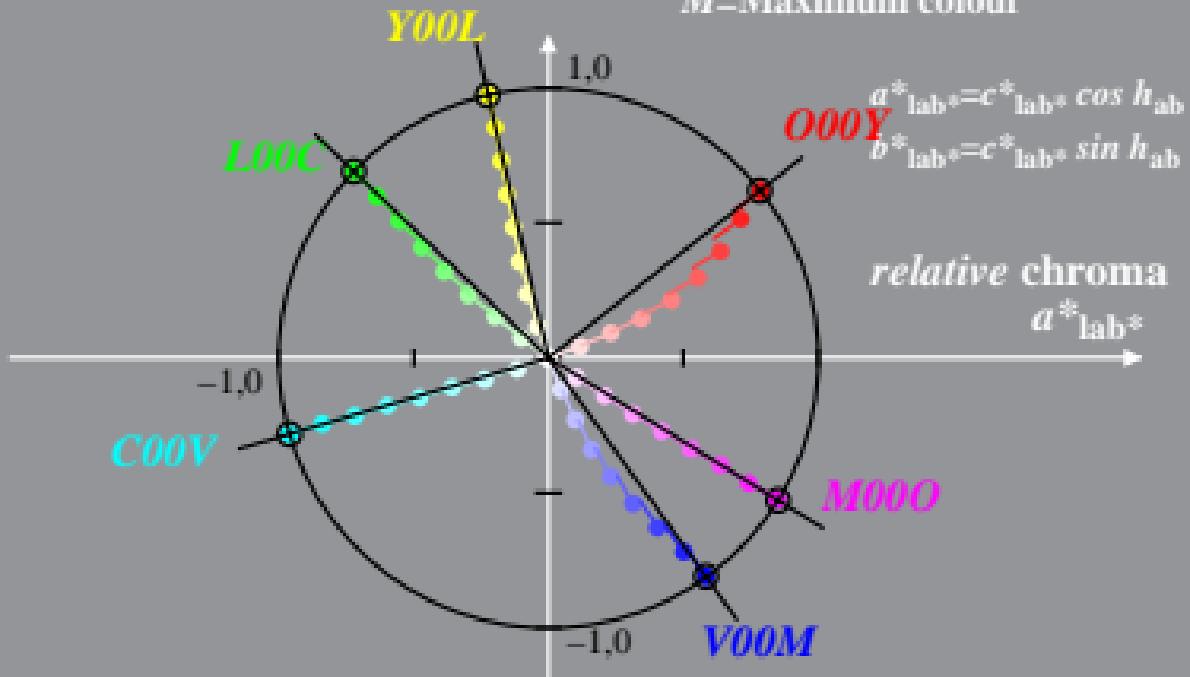
Linear relation adapted (a) CIELAB ( $C^*_{ab,a}$ ,  $L^*$ ) and relative CIELAB ( $c^*$ ,  $t^*$ )  
 System: JE29\_sRGB display 0,6%\_G0       $I^*_M = (L^*_M - L^*_N) / (L^*_W - L^*_N)$   
 CIELAB hue angles:

$$h_{ab,d} = [38, 102, 136, 196, 305, 328] \quad h_{ab,dx} = [38, 102, 136, 196, 305, 328]$$

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

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

$M$ =Maximum colour



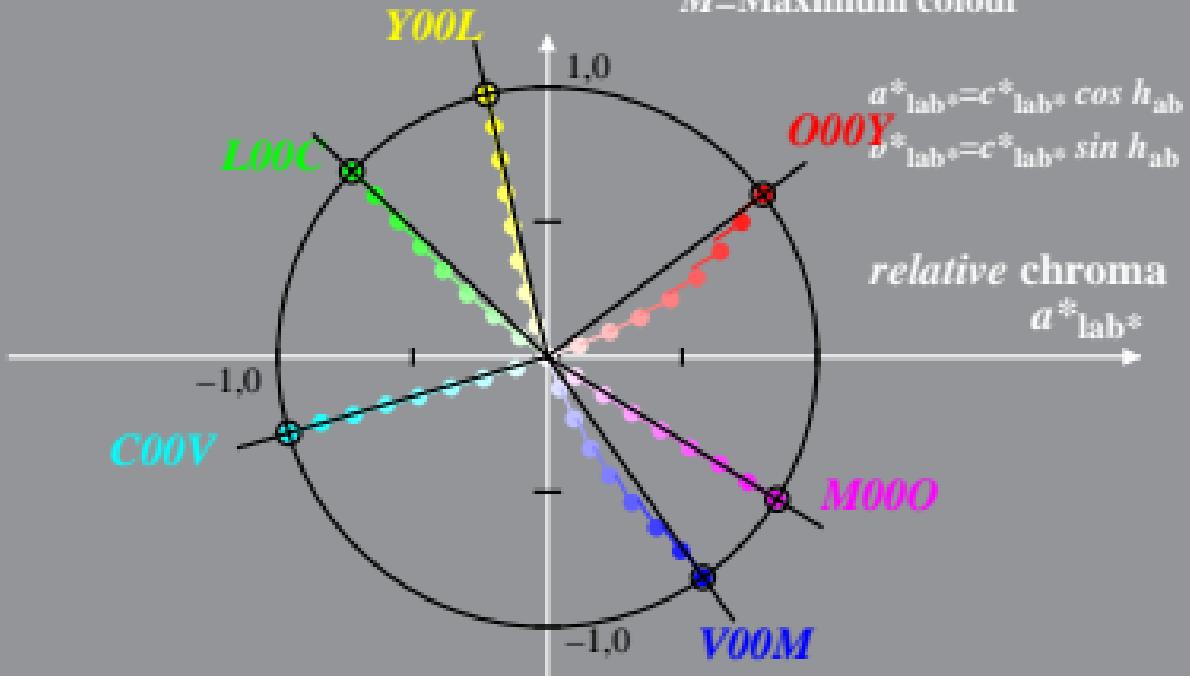
Linear relation adapted (a) CIELAB ( $C^*_{ab,a}$ ,  $L^*$ ) and relative CIELAB ( $c^*$ ,  $t^*$ )  
 System: JE29\_sRGB display 1,3%\_G0       $I^*_M = (L^*_M - L^*_N) / (L^*_W - L^*_N)$   
 CIELAB hue angles:

$$h_{ab,d} = [36, 103, 136, 196, 305, 328] \quad h_{ab,dx} = [36, 103, 136, 196, 305, 328]$$

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

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

$M$ =Maximum colour



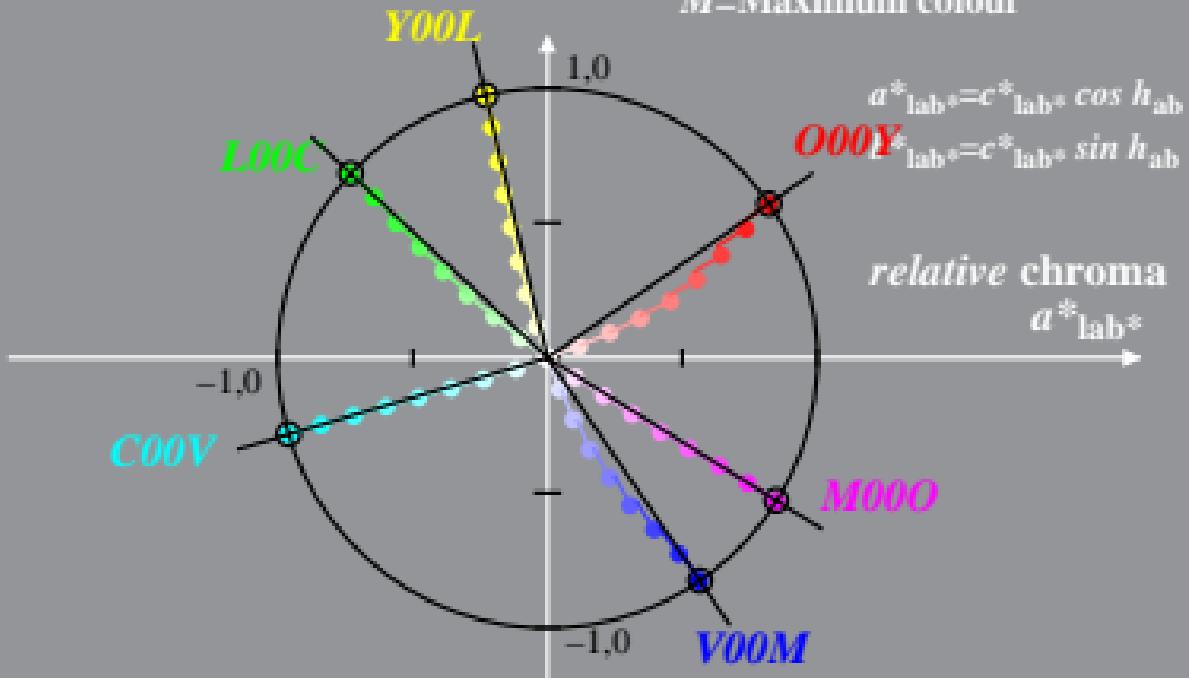
Linear relation adapted (a) CIELAB ( $C^*_{ab,a}$ ,  $L^*$ ) and relative CIELAB ( $c^*$ ,  $t^*$ )  
 System: JE29\_sRGB display 2,5%\_G0       $I^*_M = (L^*_M - L^*_N) / (L^*_W - L^*_N)$   
 CIELAB hue angles:

$$h_{ab,d} = [34, 103, 136, 196, 304, 328] \quad h_{ab,dx} = [34, 103, 136, 196, 304, 328]$$

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

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

$M$ =Maximum colour



Linear relation adapted (a) CIELAB ( $C^*_{ab,a}$ ,  $L^*$ ) and relative CIELAB ( $c^*$ ,  $t^*$ )  
 System: JE29\_sRGB display 5%\_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

$$h_{ab,d} = [31, 103, 137, 196, 302, 327] \quad b^*_{lab*}$$

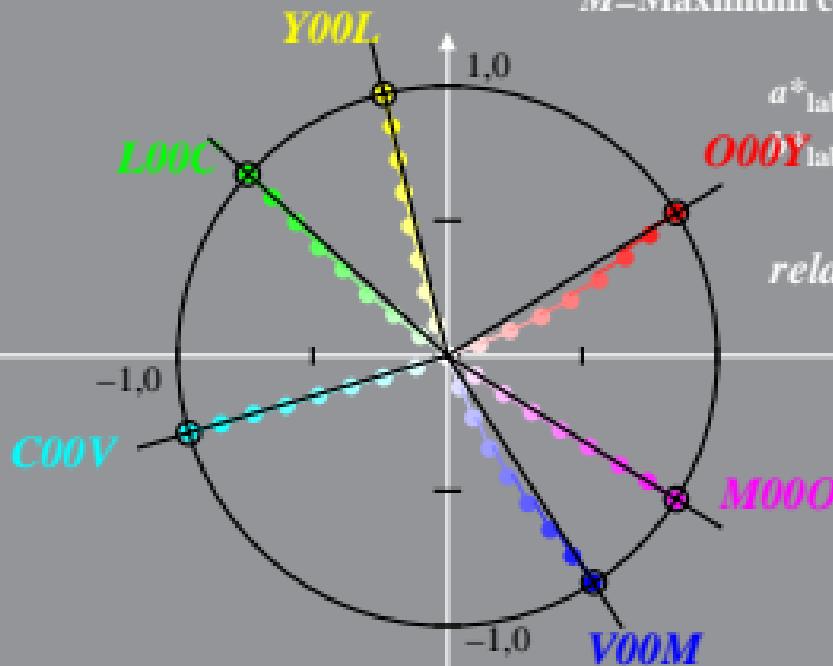
$$h_{ab,dx} = [31, 103, 137, 196, 302, 327]$$

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

$$O00Y_{lab*} = c^*_{lab*} \sin h_{ab}$$

relative chroma

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



Linear relation adapted (a) CIELAB ( $C^*_{ab,a}$ ,  $L^*$ ) and relative CIELAB ( $c^*$ ,  $t^*$ )  
 System: JE29\_sRGB display 10%\_G0

CIELAB hue angles:

$$h_{ab,d} = [28, 104, 138, 196, 300, 327]$$

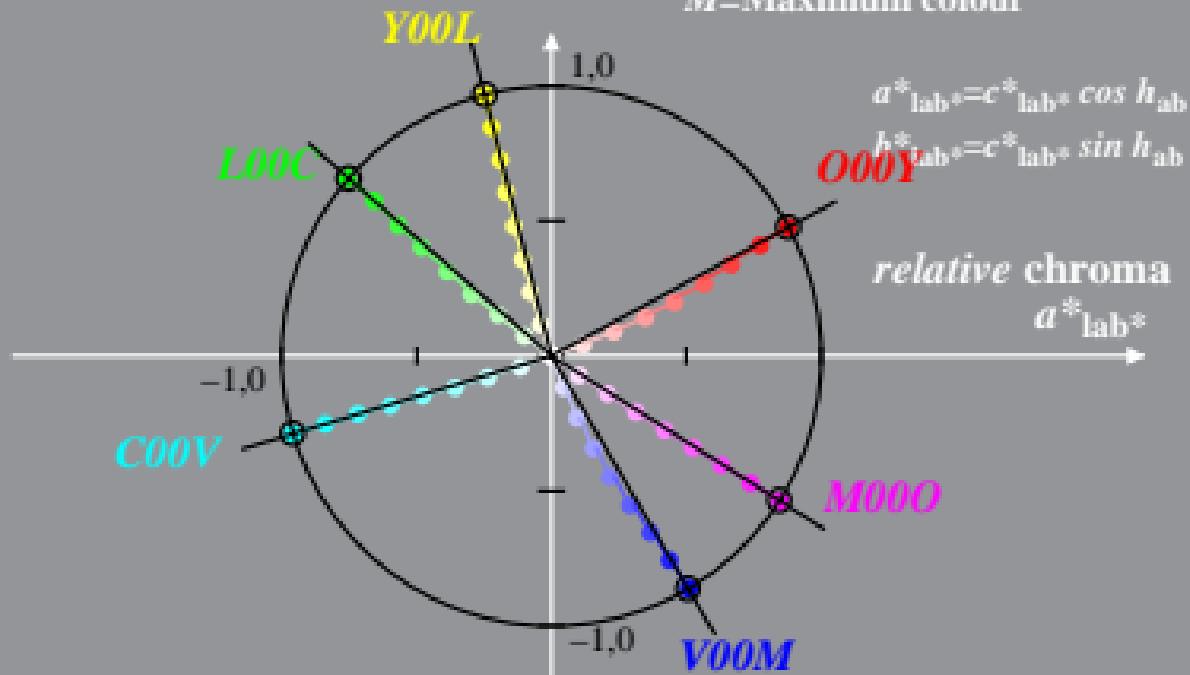
$$h_{ab,dx} = [28, 104, 138, 196, 300, 327]$$

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

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

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

$M$ =Maximum colour



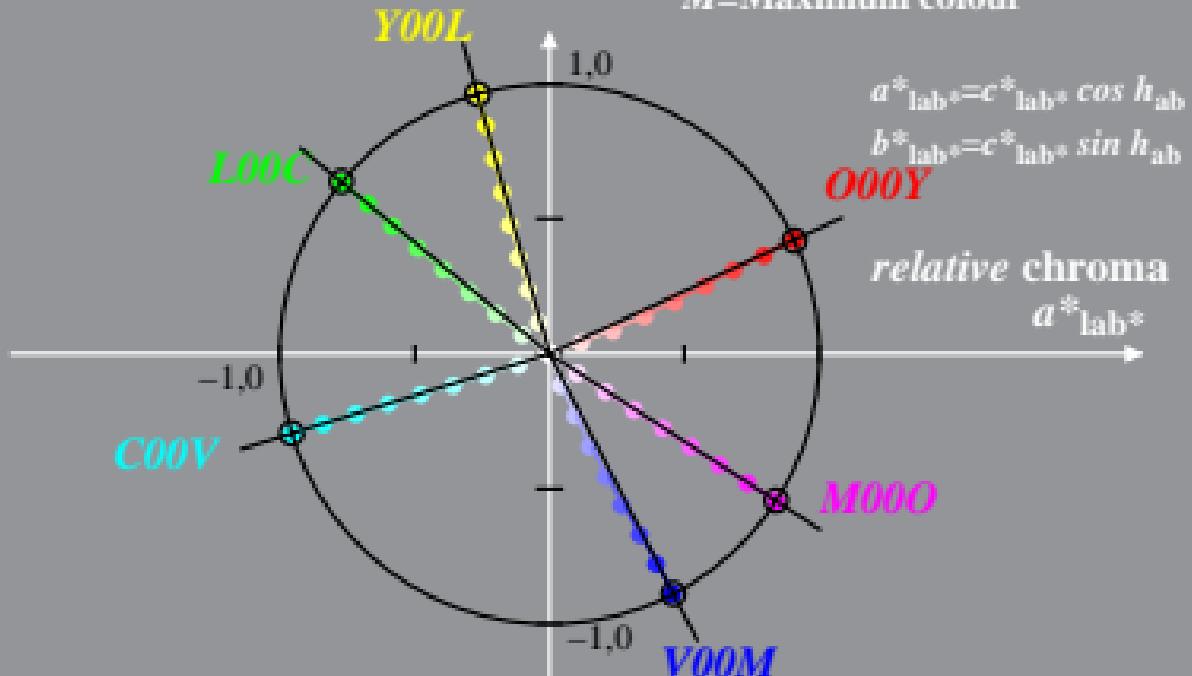
Linear relation adapted (a) CIELAB ( $C^*_{ab,a}$ ,  $L^*$ ) and relative CIELAB ( $c^*$ ,  $t^*$ )  
 System: JE29\_sRGB display 20%\_G0       $I^*_M = (L^*_M - L^*_N) / (L^*_W - L^*_N)$   
 CIELAB hue angles:

$$h_{ab,d} = [24, 105, 140, 197, 297, 327] \quad h_{ab,dx} = [24, 105, 140, 197, 297, 327]$$

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

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

$M$ =Maximum colour



Linear relation adapted (a) CIELAB ( $C^*_{ab,a}, L^*$ ) and relative CIELAB ( $c^*, l^*$ )  
 System: JE29\_sRGB display 40%\_G0

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

CIELAB hue angles:

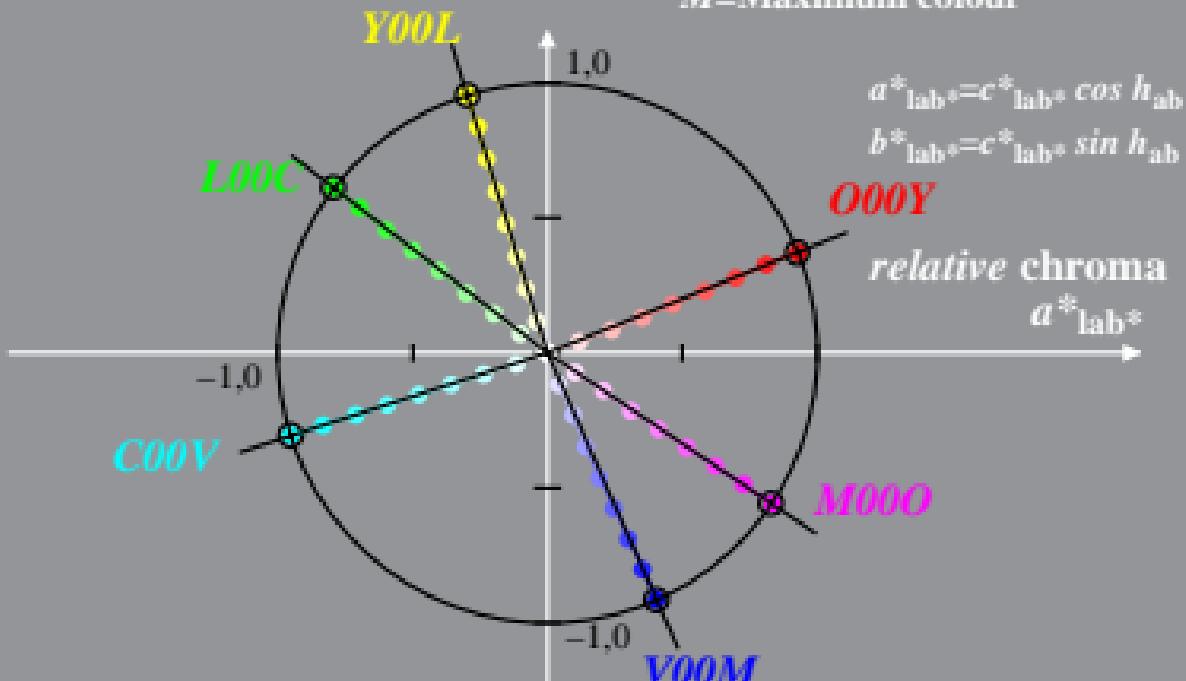
$$h_{ab,d} = [21, 107, 142, 197, 293, 326]$$

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

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

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

$M$ =Maximum colour



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

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

$O00Y$

relative chroma

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