

Adapted (a) CIELAB ($C^*_{ab,a}$, L^*) and relative CIELAB (c^*_{lab*} , l^*_{lab*})

System: GE91_HRS27_96_D65_00%_G0

$$l^*_{lab*} = (L^* - L^*_N) / (L^*_W - L^*_N)$$

CIELAB hue angles:

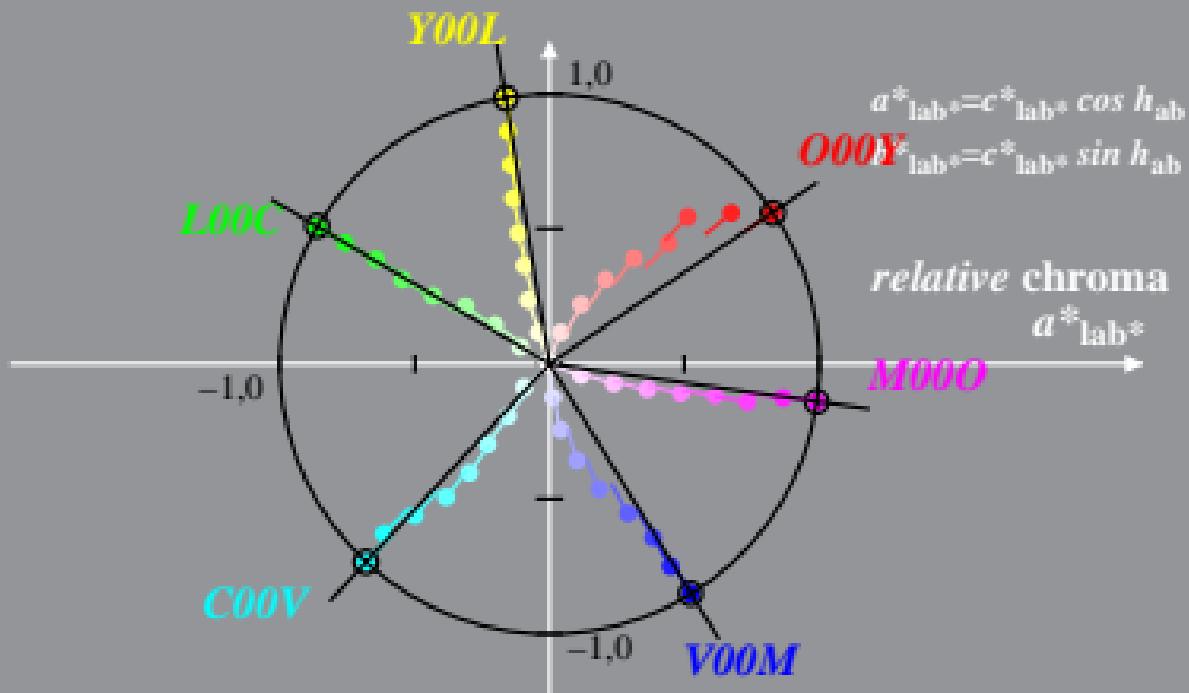
$$h_{ab,d} = [33, 98, 150, 227, 301, 350]$$

$$b^*_{lab*}$$

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

$$h_{ab,dx} = [34, 99, 149, 227, 301, 351]$$

M =Maximum colour



Adapted (a) CIELAB ($C^*_{ab,a}$, L^*) and relative CIELAB (c^*_{lab*} , l^*_{lab*})

System: GE91_HRS27_96_D65_00%_G1 $l^*_{lab*} = (L^* - L^*_N) / (L^*_W - L^*_N)$

CIELAB hue angles:

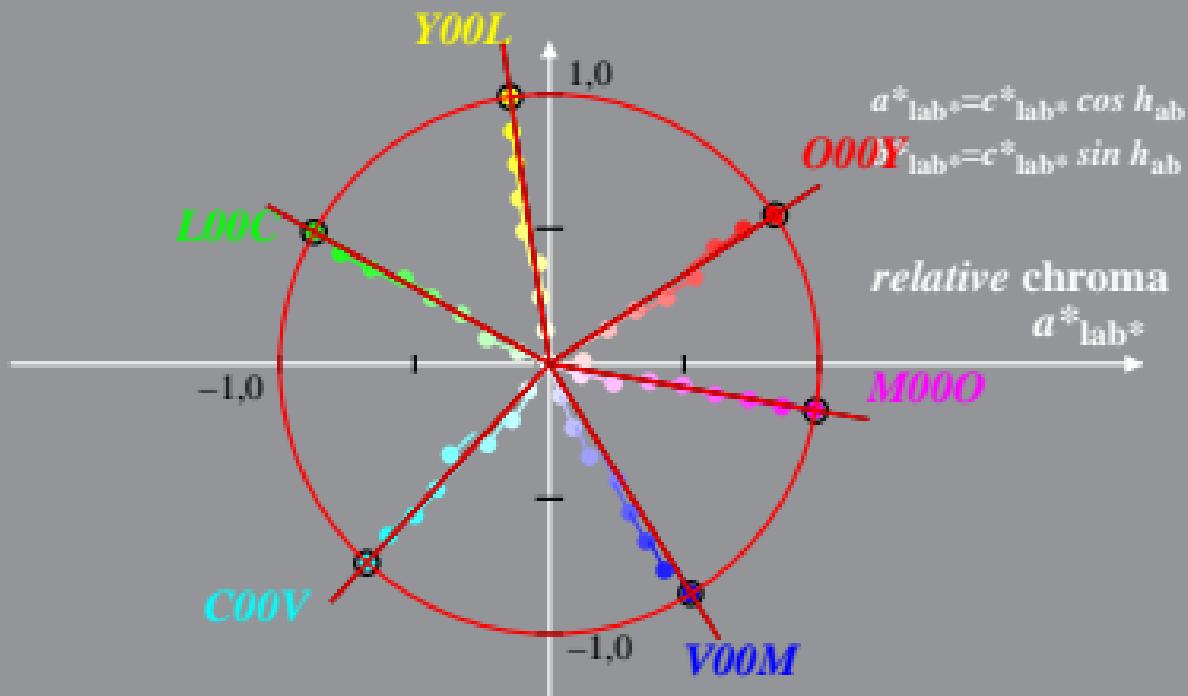
$$h_{ab,d} = [33, 98, 150, 227, 301, 350]$$

$$h_{ab,dx} = [33, 98, 150, 227, 301, 350]$$

$$b^*_{lab*}$$

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

M =Maximum colour



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

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

relative chroma

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

$$M000$$