

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

System: GE92_HRS16_96_D65_00%_G0

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

CIELAB hue angles:

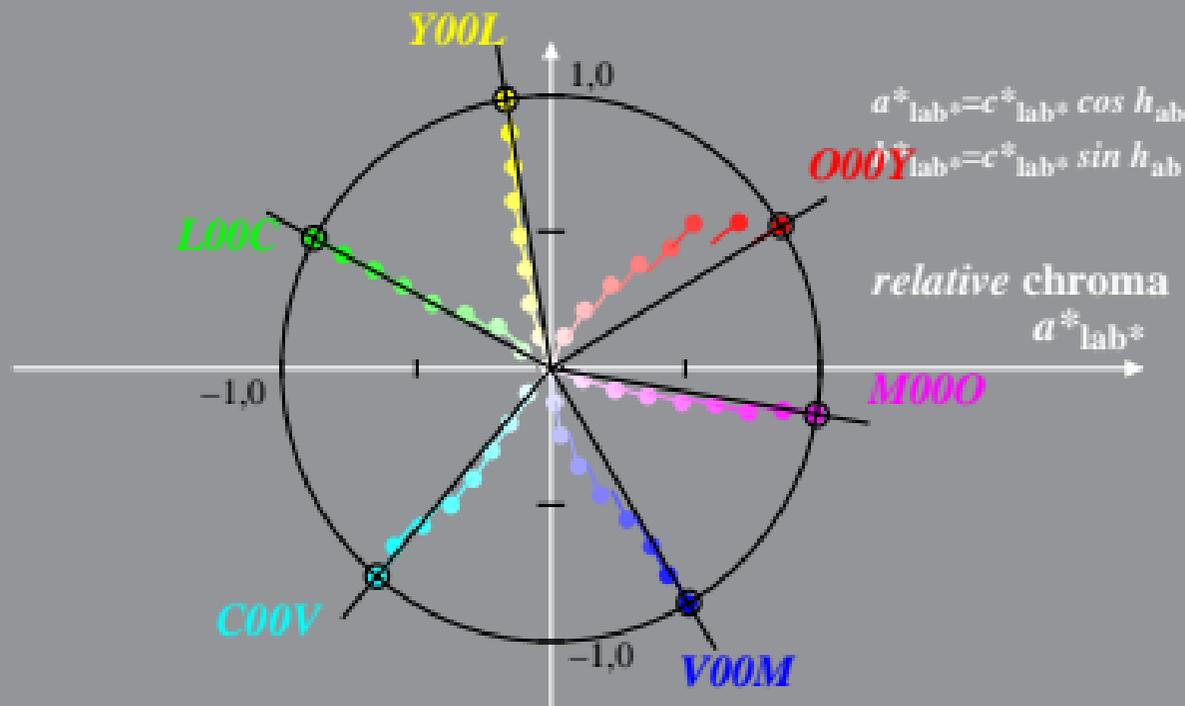
$$h_{ab,d} = [32, 99, 151, 233, 300, 349]$$

$$h_{ab,dx} = [31, 99, 151, 229, 300, 350]$$

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

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

M=Maximum colour



GE921-8A, 1; cfl=0.90; nt=0.18; nx=1.0

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

System: GE92_HRS16_96_D65_00%_G1

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

CIELAB hue angles:

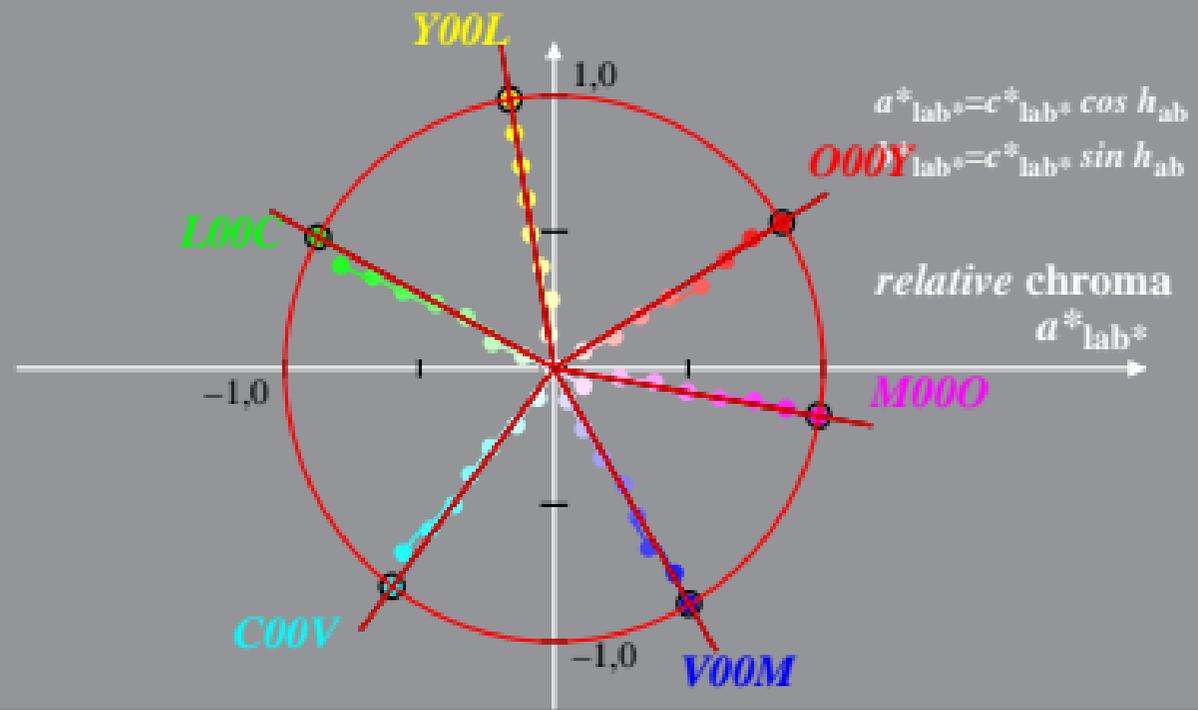
$h_{ab,d} = [32, 99, 151, 233, 300, 349]$

$h_{ab,dx} = [32, 99, 151, 233, 300, 349]$

$b^*_{lab^*}$

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

M=Maximum colour



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

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

relative chroma

$a^*_{lab^*}$

GE921-8A, 2; cf1=0.90; nt=0.18; nx=1.0