Linear relation *adapted (a)* CIELAB ($C^*_{ab,a}$, L^*) and *relative* CIELAB (c^*, t^*)

System: GE91_HRS27_96_D65_00%_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

CIELAB hue angles:

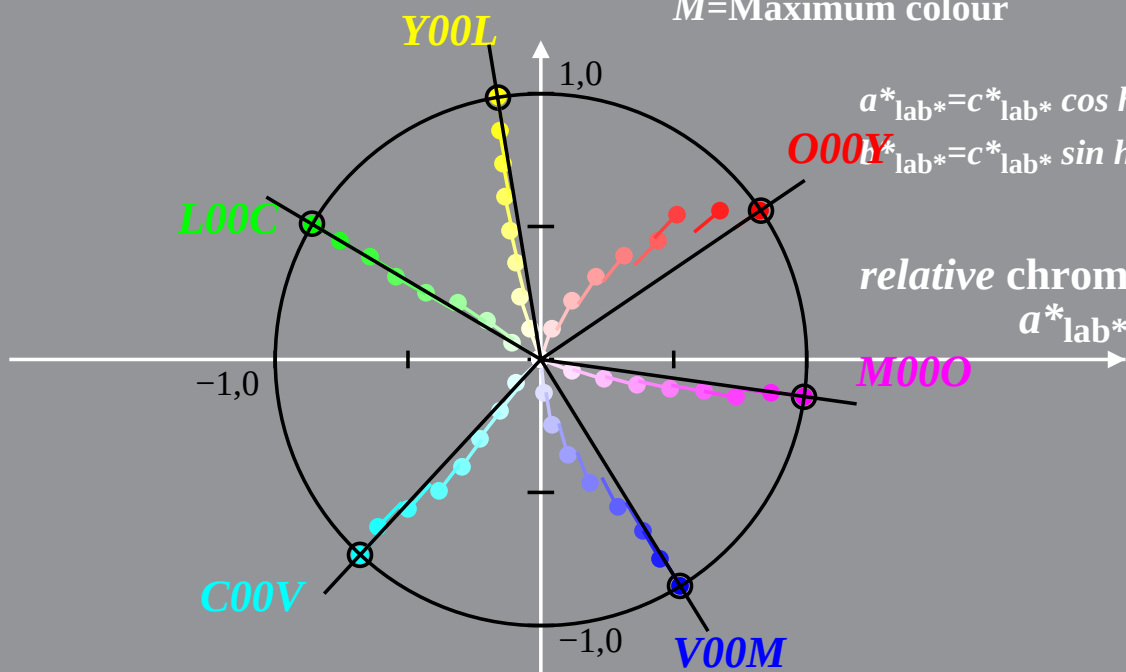
$h_{ab,d}$=[33, 98, 150, 227, 301, 350]

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

$b^*_{lab^*}$

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

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



GE911−4A, 1; cf1=0.95; nt=0.18; nx=1.0

Linear relation *adapted (a)* CIELAB ($C^*_{ab,a}$, L^*) and *relative* CIELAB (c^*, t^*)

System: GE91_HRS27_96_D65_00%_G1

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

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

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

M=Maximum colour

CIELAB hue angles:

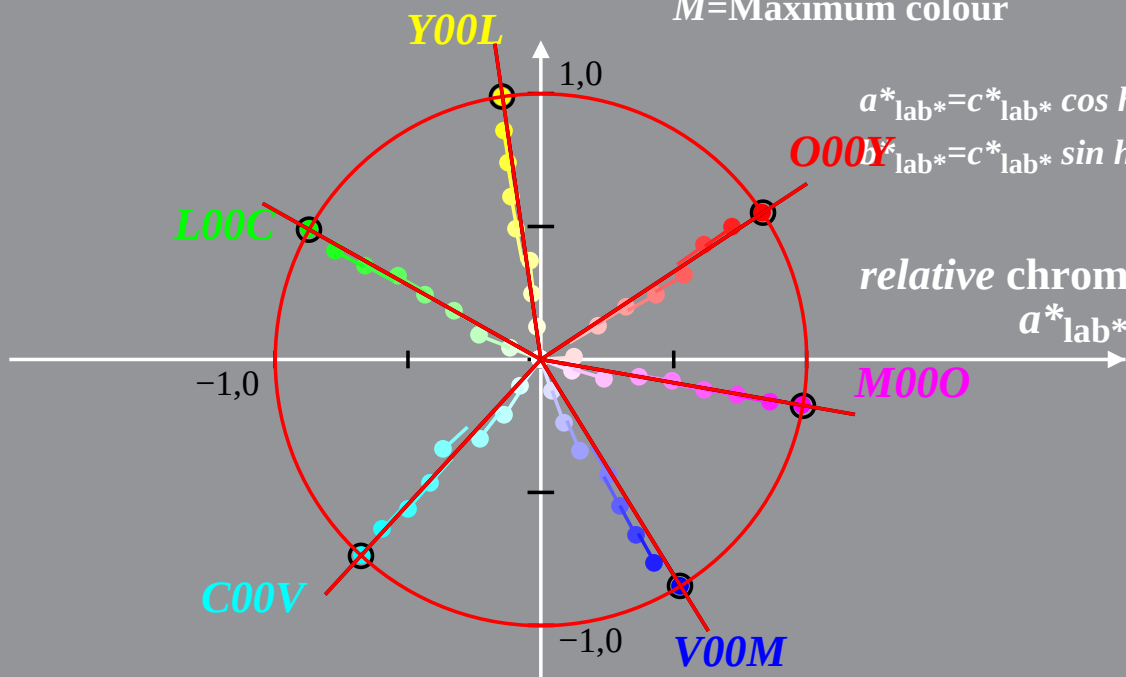
$h_{ab,d}$=[33, 98, 150, 227, 301, 350]

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

$b^*_{lab^*}$

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

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



GE911−4A, 2; cf1=0.95; nt=0.18; nx=1.0