Linear relation *adapted (a)* CIELAB ($C^*_{ab,a}$, L^*) and *relative* CIELAB (c^*, t^*)
System: ORS18

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

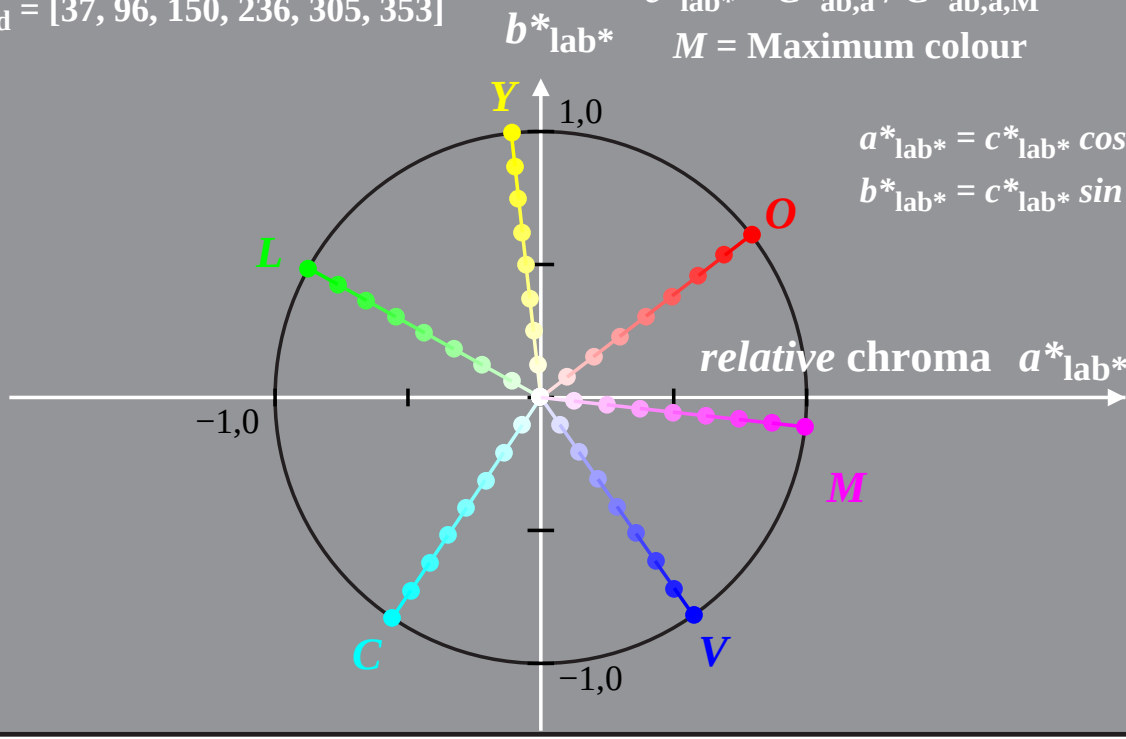
$$t^*_{lab^*} = l^*_{lab^*} - c^*_{lab^*} [\, l^*_M - 0{,}5 \,]$$

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

M = Maximum colour

CIELAB hue angles:

$h_{ab,d}$ = [37, 96, 150, 236, 305, 353]



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

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

Linear relation *adapted (a)* CIELAB ($C^*_{ab,a}$, L^*) and *relative* CIELAB (c^*, t^*)
System: TLS00

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

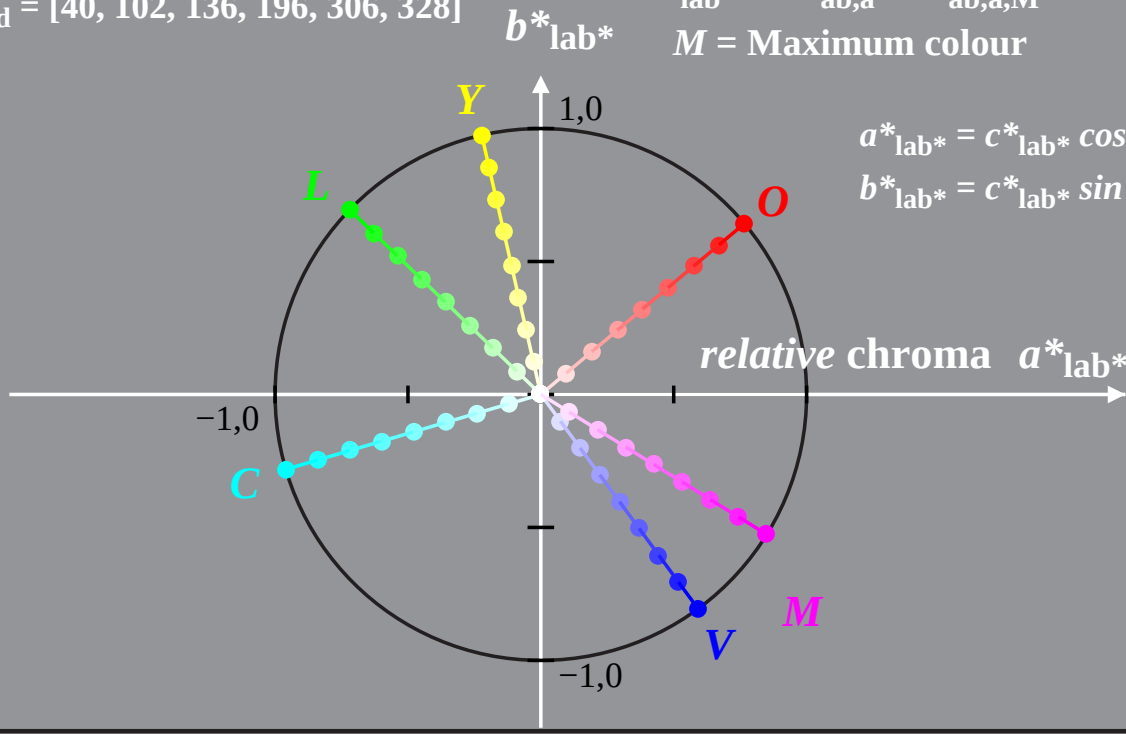
$t^*_{lab^*} = l^*_{lab^*} - c^*_{lab^*} [\, l^*_M - 0{,}5 \,]$

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

M = Maximum colour

CIELAB hue angles:

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



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

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

Linear relation *adapted (a)* CIELAB ($C^*_{ab,a}$, L^*) and *relative* CIELAB (c^*, t^*)
System: FRS06

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

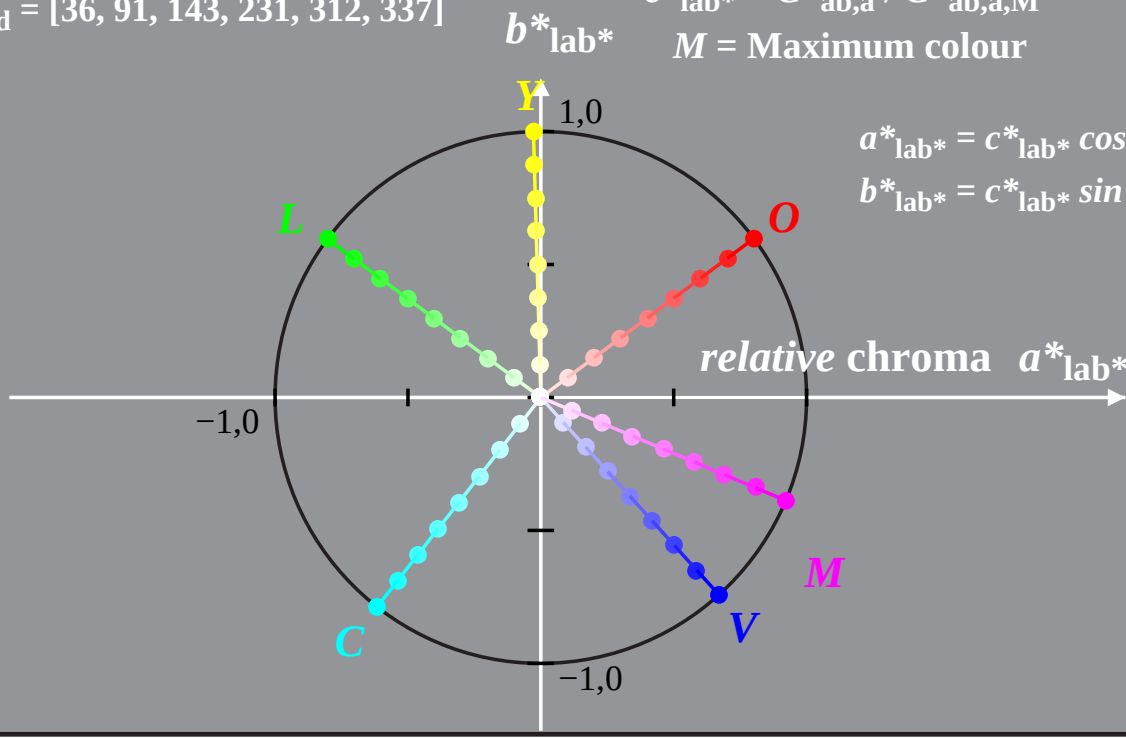
$$t^*_{lab^*} = l^*_{lab^*} - c^*_{lab^*} [\, l^*_M - 0{,}5 \,]$$

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

M = Maximum colour

CIELAB hue angles:

$h_{ab,d}$ = [36, 91, 143, 231, 312, 337]



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

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

Linear relation *adapted (a)* CIELAB ($C^*_{ab,a}$, L^*) and *relative* CIELAB (c^*, t^*)
System: TSL18

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

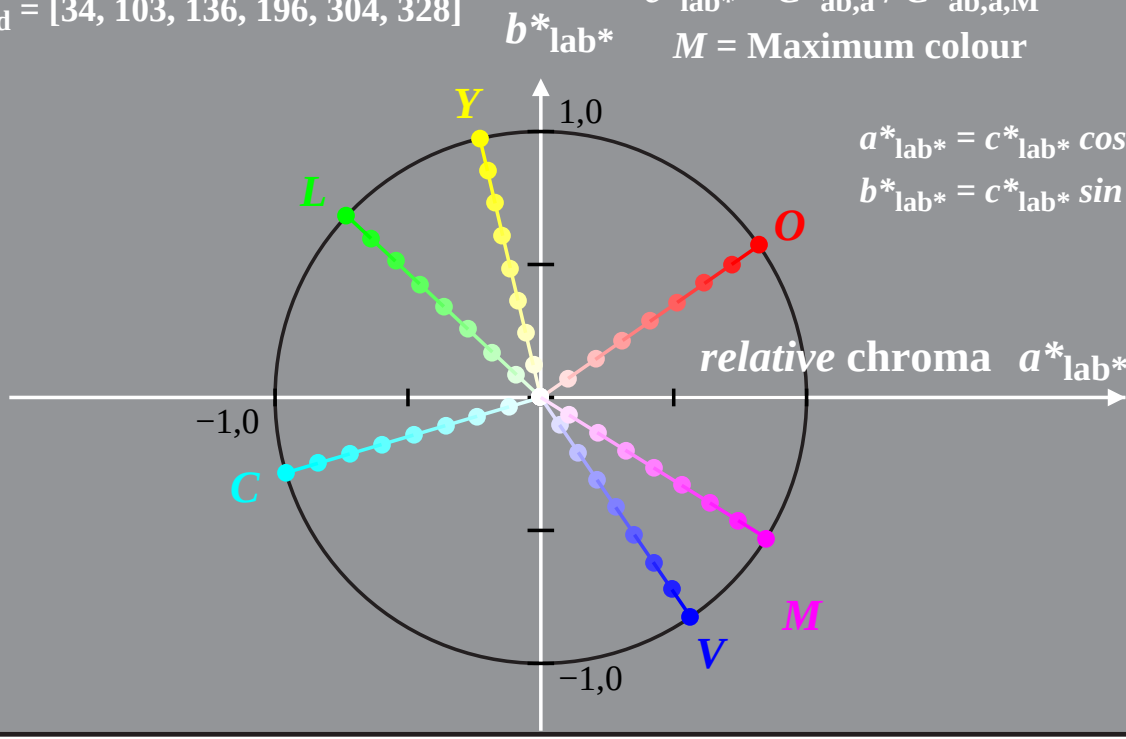
$$t^*_{lab^*} = l^*_{lab^*} - c^*_{lab^*} [\, l^*_M - 0{,}5 \,]$$

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

M = Maximum colour

CIELAB hue angles:

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



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

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

Linear relation *adapted (a)* CIELAB ($C^*_{ab,a}$, L^*) and *relative* CIELAB (c^*, t^*)
System: NLS00

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

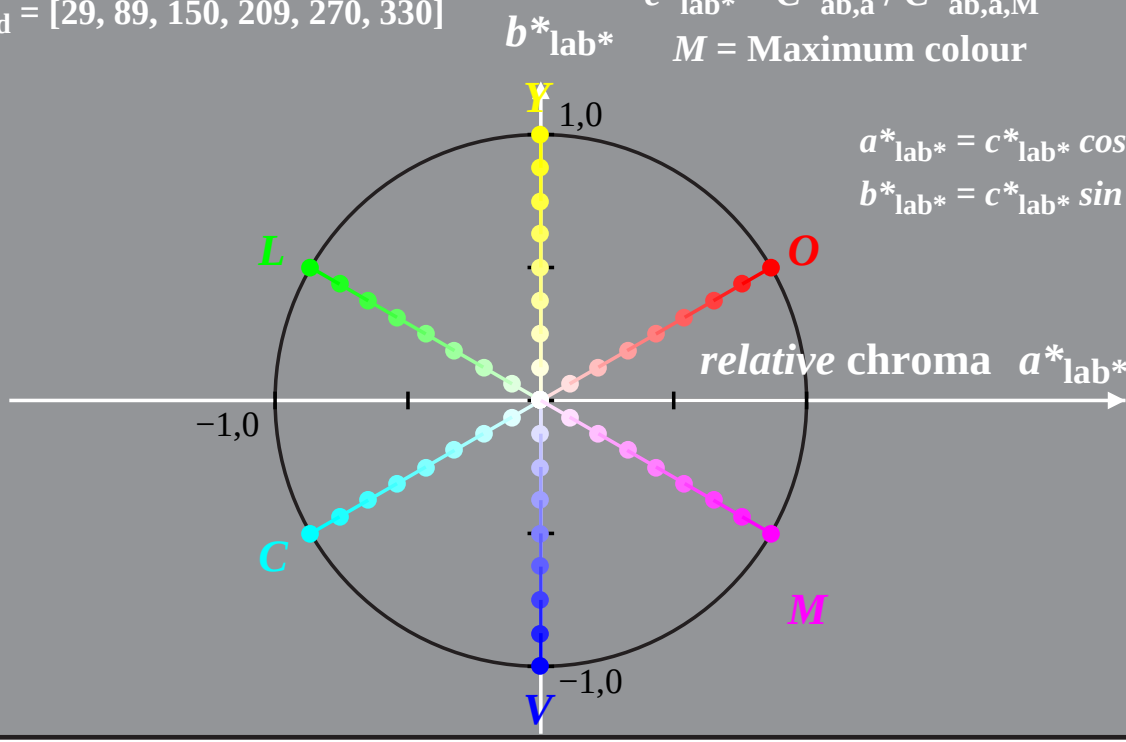
$$t^*_{lab^*} = l^*_{lab^*} - c^*_{lab^*} [\, l^*_M - 0{,}5 \,]$$

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

M = Maximum colour

CIELAB hue angles:

$h_{ab,d}$ = [29, 89, 150, 209, 270, 330]



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

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

Linear relation *adapted (a)* CIELAB ($C^*_{ab,a}$, L^*) and *relative* CIELAB (c^*, t^*)
System: NLS18

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

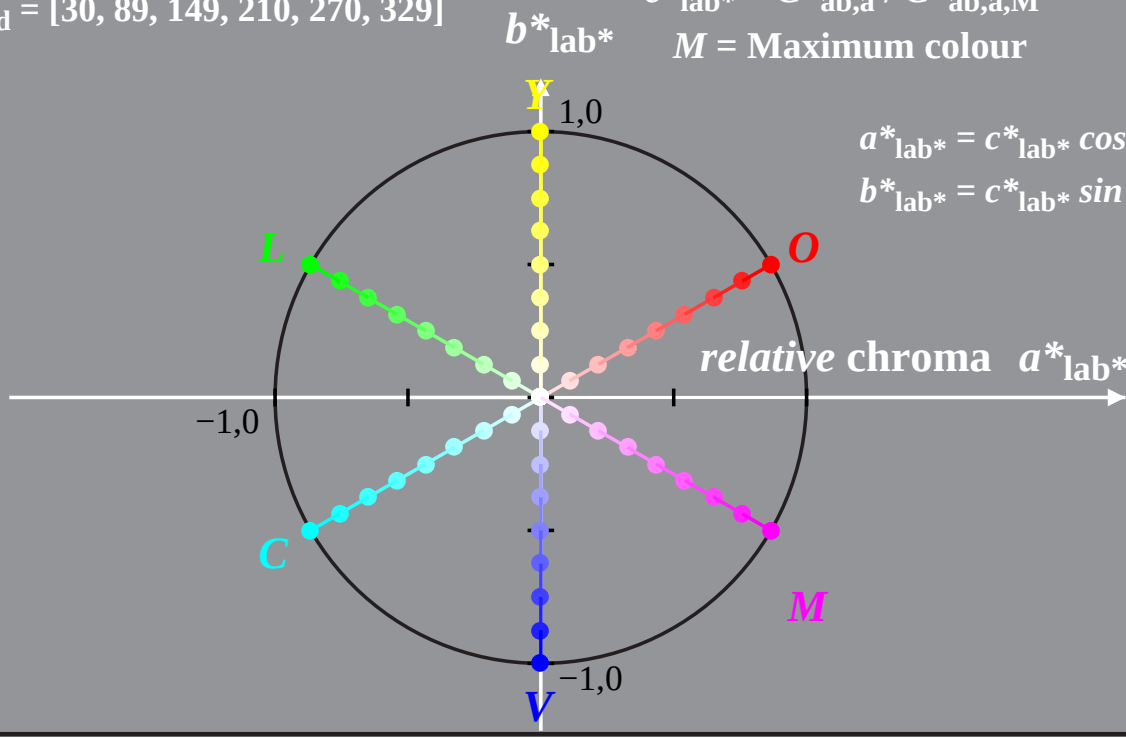
$t^*_{lab*} = l^*_{lab*} - c^*_{lab*} [\, l^*_M - 0{,}5 \,]$

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

M = Maximum colour

CIELAB hue angles:

$h_{ab,d}$ = [30, 89, 149, 210, 270, 329]



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

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

Linear relation *adapted (a)* CIELAB ($C^*_{ab,a}$, L^*) and *relative* CIELAB (c^*, t^*)
System: NRS11

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

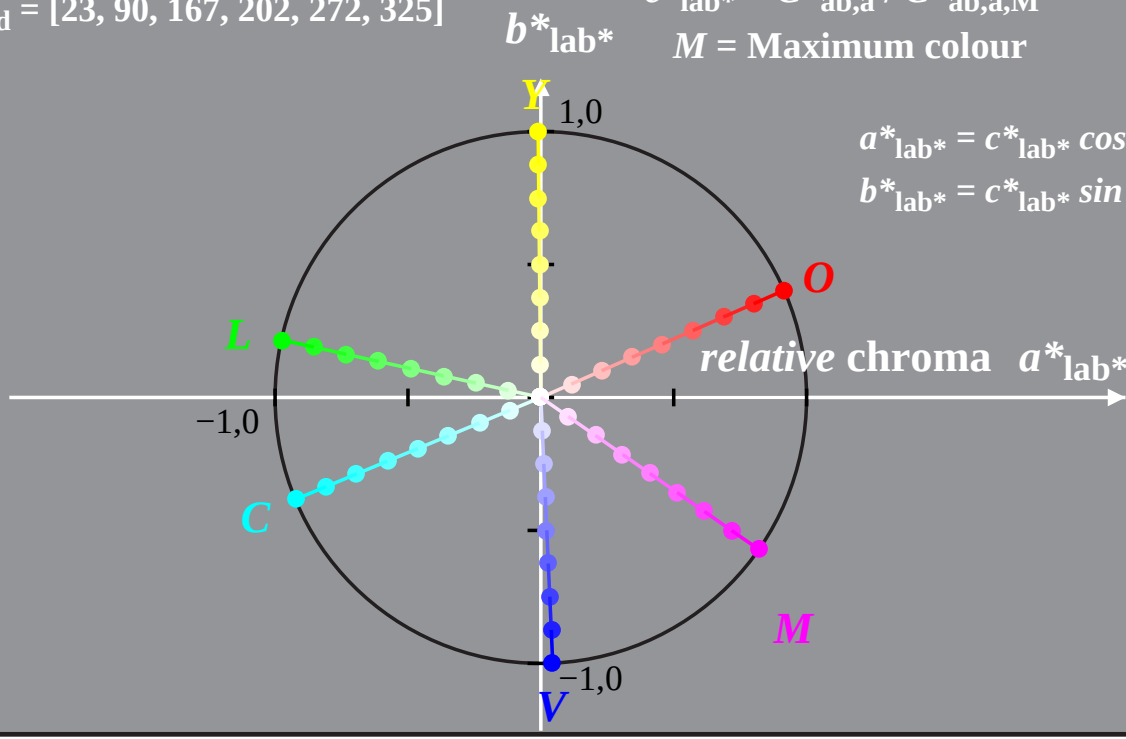
$$t^*_{lab^*} = l^*_{lab^*} - c^*_{lab^*} [\, l^*_M - 0{,}5 \,]$$

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

M = Maximum colour

CIELAB hue angles:

$h_{ab,d}$ = [23, 90, 167, 202, 272, 325]



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

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

Linear relation *adapted (a)* CIELAB ($C^*_{ab,a}$, L^*) and *relative* CIELAB (c^*, t^*)
System: TLS70

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

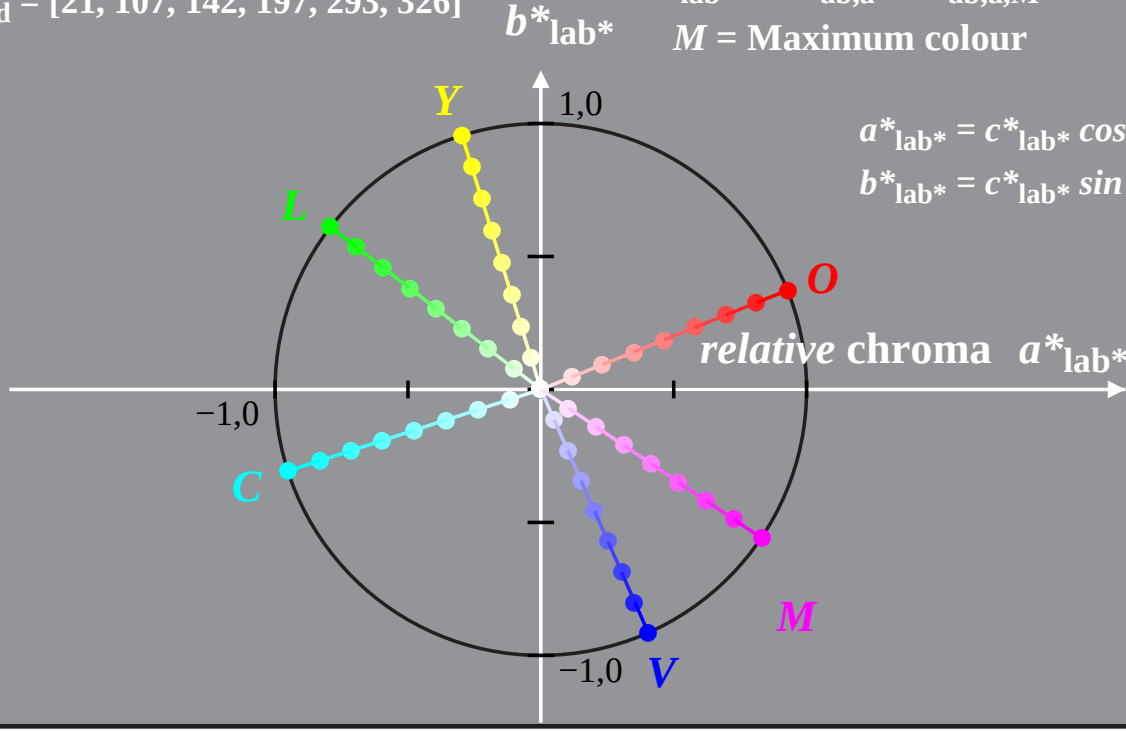
$$t^*_{lab^*} = l^*_{lab^*} - c^*_{lab^*} [\, l^*_M - 0{,}5 \,]$$

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

M = Maximum colour

CIELAB hue angles:

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



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

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