

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

System: M_ORS23_Z46N_N0

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

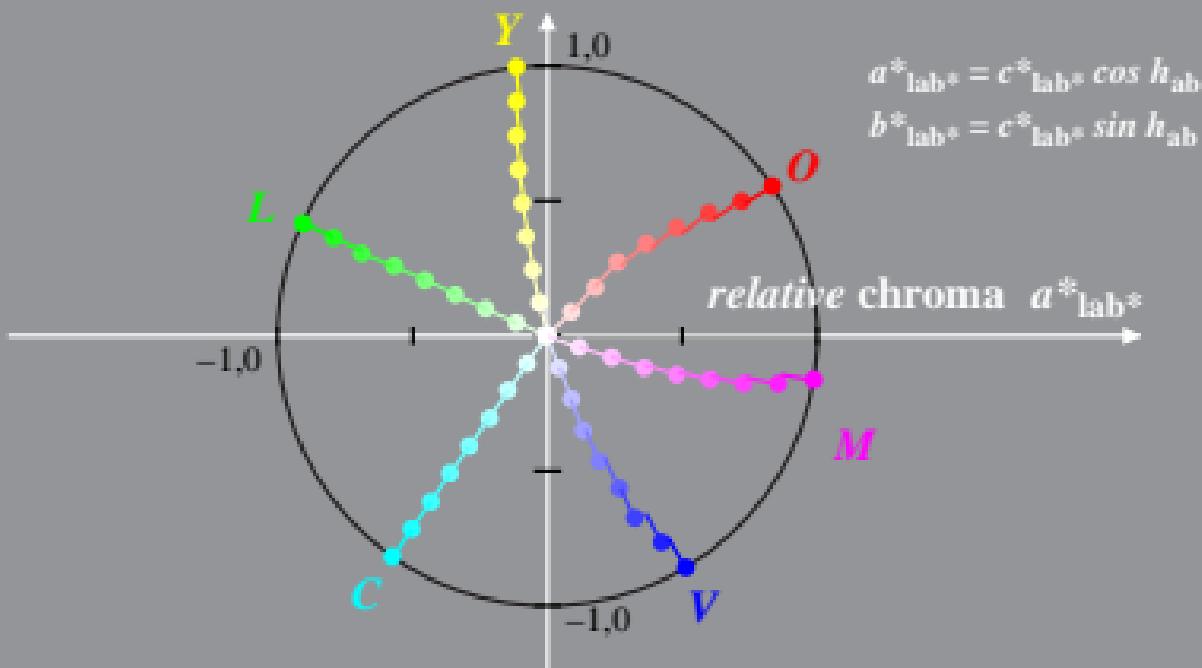
$$c^*_{lab*} = C^*_{ab,a} / C^*_{ab,a,M}$$

M = Maximum colour

CIELAB hue angles:

$$h_{ab,d} = [33, 96, 155, 234, 300, 350]$$

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



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

System: M_ORS18_Z47N_N4

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

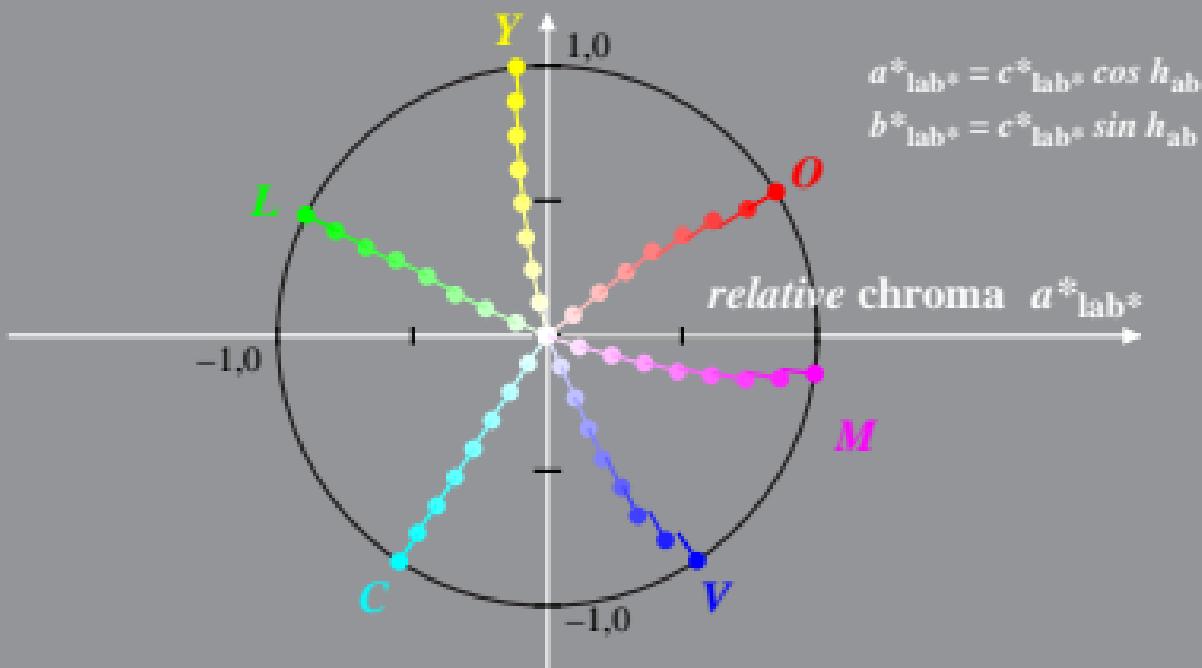
$$c^*_{lab*} = C^*_{ab,a} / C^*_{ab,a,M}$$

M = Maximum colour

CIELAB hue angles:

$$h_{ab,d} = [32, 96, 153, 236, 303, 351]$$

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



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

System: M_ORS18_Z48N_N5_VT098?

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

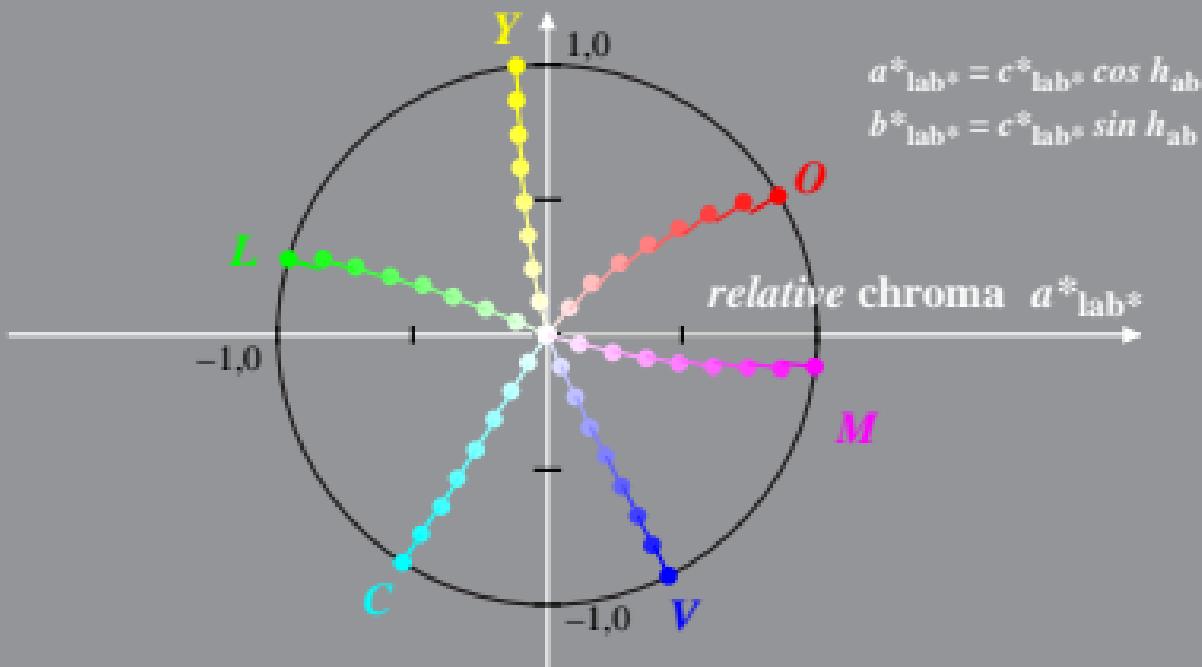
$$c^*_{lab*} = C^*_{ab,a} / C^*_{ab,a,M}$$

M = Maximum colour

CIELAB hue angles:

$$h_{ab,d} = [31, 96, 163, 237, 296, 353]$$

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



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

System: M_ORS18_Z48N_N5_VT100

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

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

M = Maximum colour

CIELAB hue angles:

$$h_{ab,d} = [31, 96, 163, 237, 297, 352]$$

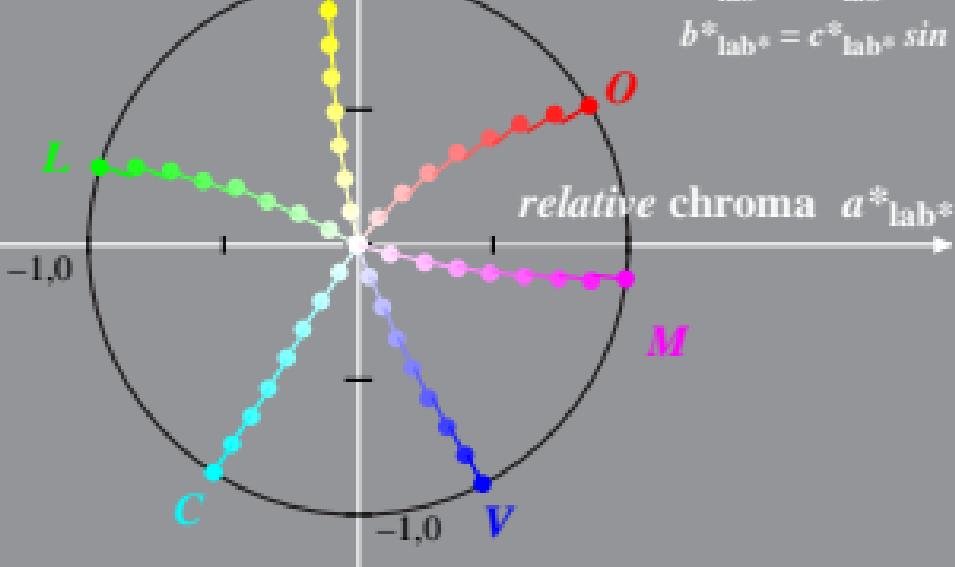
$$b^*_{lab*}$$

$$Y$$

1,0

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

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



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

System: M_ORS26_Z48F_N5_VT092

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

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

M = Maximum colour

CIELAB hue angles:

$$h_{ab,d} = [31, 96, 154, 236, 305, 351]$$

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

