

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

System: B_IRS10_Z46N_N0

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

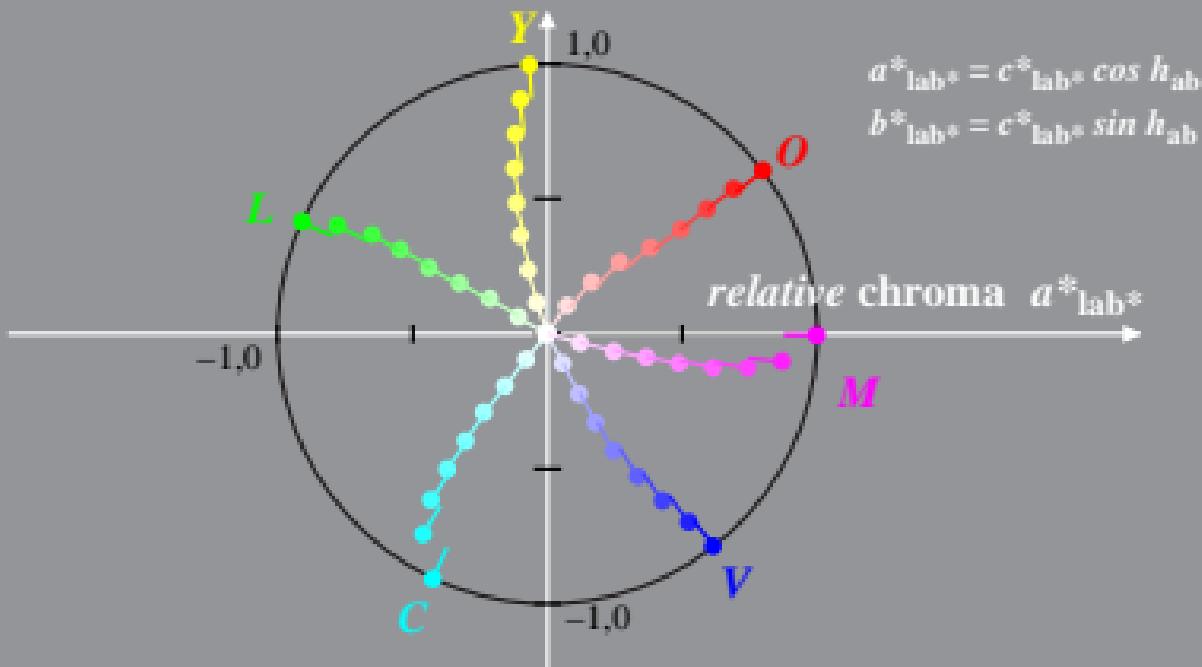
$$c^*_{lab*} = C^*_{ab,a} / C^*_{ab,a,M}$$

M = Maximum colour

CIELAB hue angles:

$$h_{ab,d} = [36, 93, 155, 244, 308, 359]$$

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



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

System: B_IRS14_Z47N_N4

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

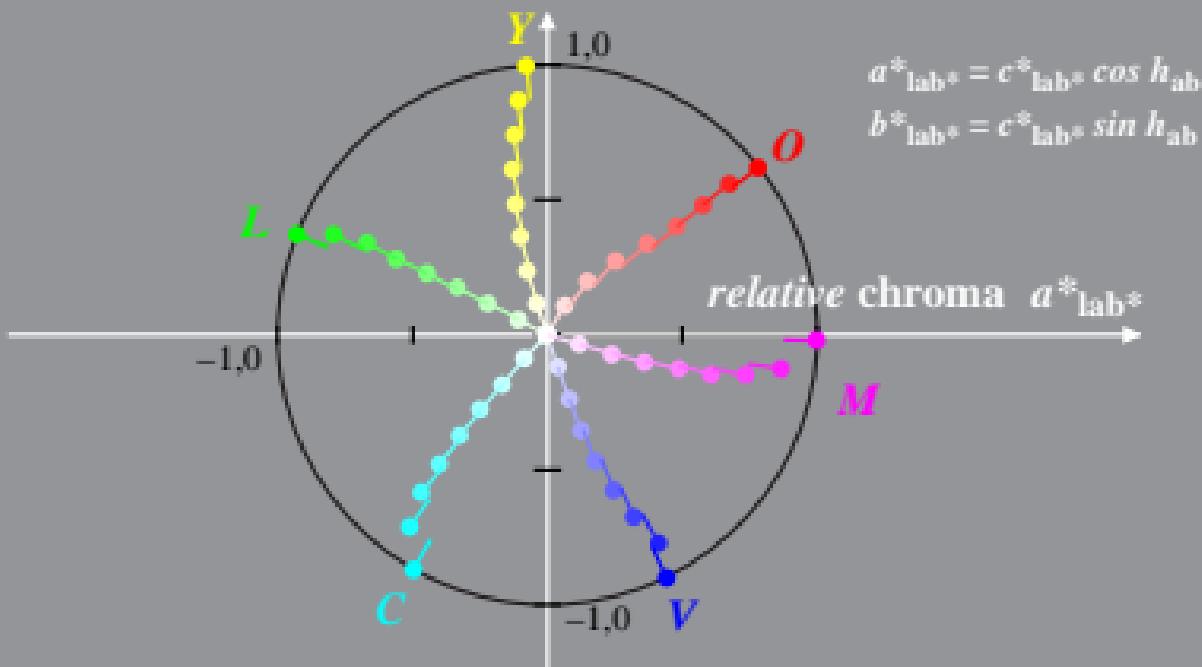
$$c^*_{lab*} = C^*_{ab,a} / C^*_{ab,a,M}$$

M = Maximum colour

CIELAB hue angles:

$$h_{ab,d} = [38, 94, 158, 240, 296, 358]$$

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



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

System: B_IRS25_Z48N_N5_VT092

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

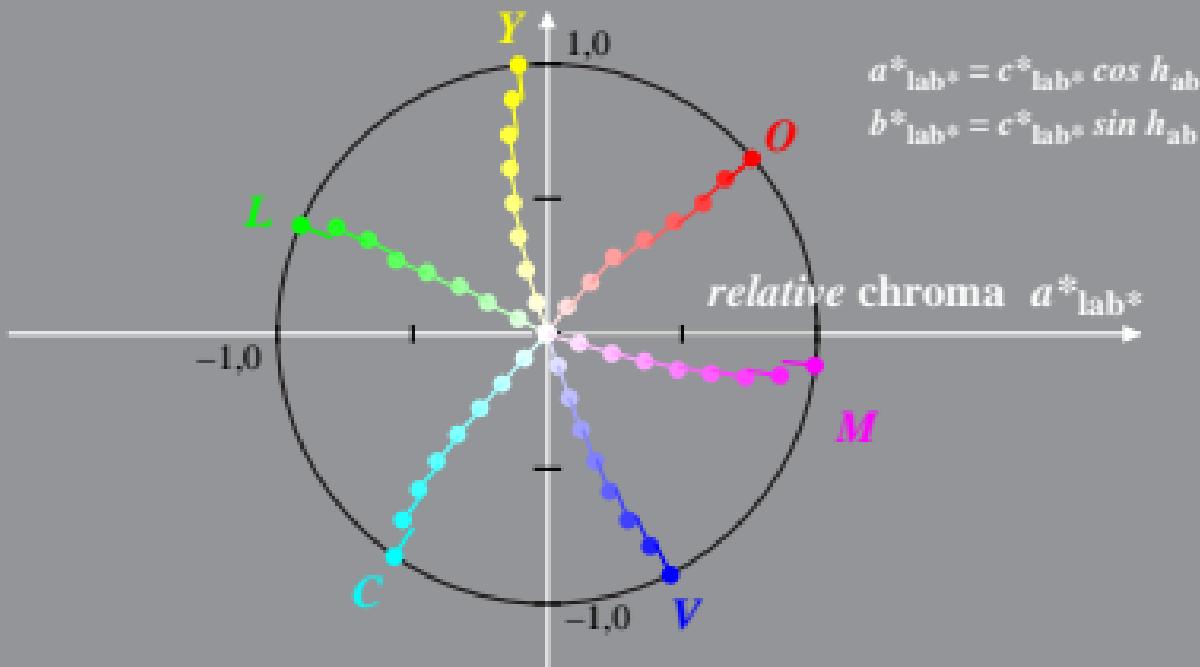
$$c^*_{lab*} = C^*_{ab,a} / C^*_{ab,a,M}$$

M = Maximum colour

CIELAB hue angles:

$$h_{ab,d} = [40, 96, 156, 235, 297, 353]$$

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



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

System: B_IRS14_Z48N_N5_VT100

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

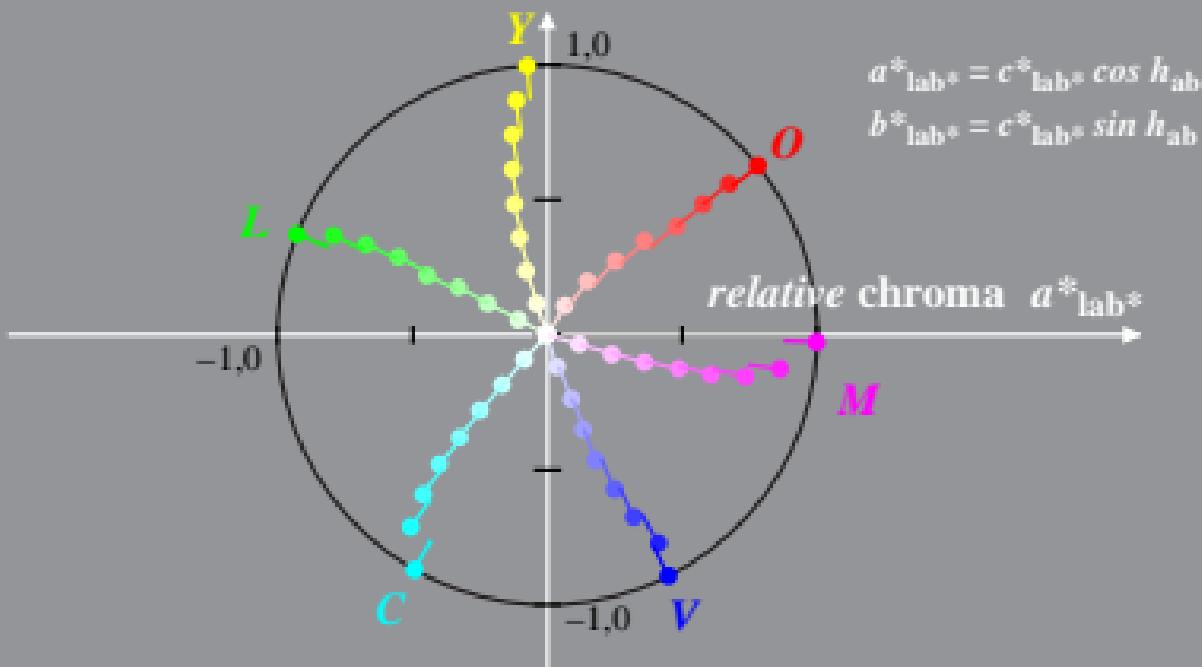
$$c^*_{lab*} = C^*_{ab,a} / C^*_{ab,a,M}$$

M = Maximum colour

CIELAB hue angles:

$$h_{ab,d} = [38, 94, 158, 240, 296, 358]$$

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



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

System: B_IRS23_Z48F_N5_VT092

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

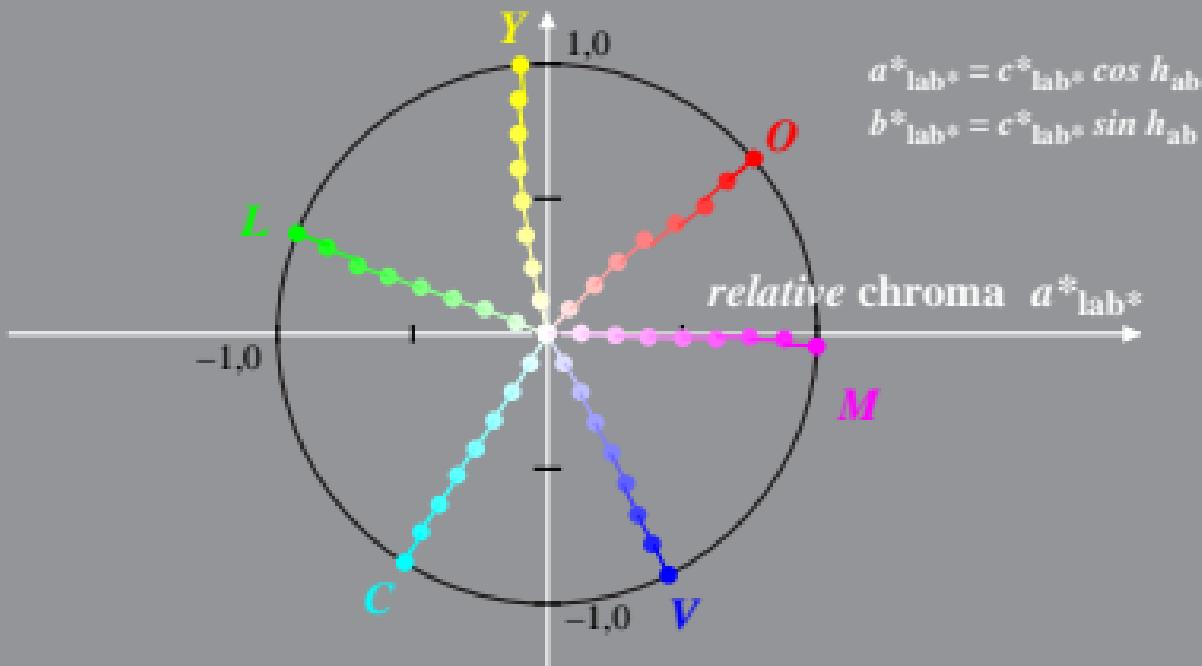
$$c^*_{lab*} = C^*_{ab,a} / C^*_{ab,a,M}$$

M = Maximum colour

CIELAB hue angles:

$$h_{ab,d} = [40, 95, 158, 237, 296, 357]$$

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



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

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

relative chroma a^*_{lab*}

M