

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

CIELAB hue angles:

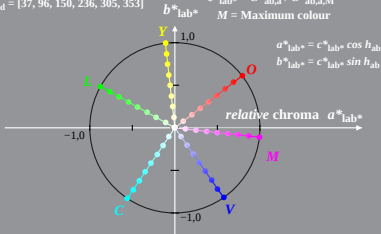
$h_{ab,d} = [37, 96, 150, 236, 305, 353]$

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

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

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

M = Maximum colour



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

CIELAB hue angles:

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

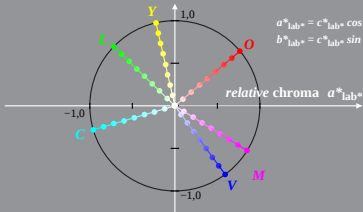
$$l^*_M = (L^*_M - L^*_N) / (L^*_W - L^*_N)$$

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

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

M = Maximum colour

$b^*_{lab^*}$



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

CIELAB hue angles:

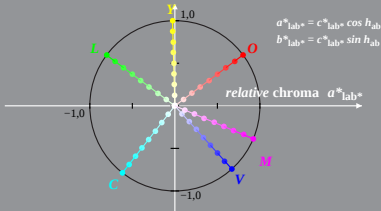
$h_{ab,d} = [36, 91, 143, 231, 312, 337]$

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

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

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

M = Maximum colour



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

CIELAB hue angles:

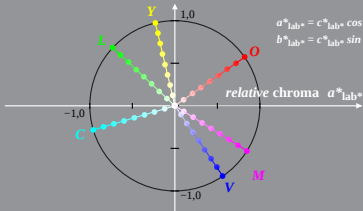
$h_{ab,d} = [34, 103, 136, 196, 304, 328]$

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

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

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

M = Maximum colour



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

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

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

CIELAB hue angles:

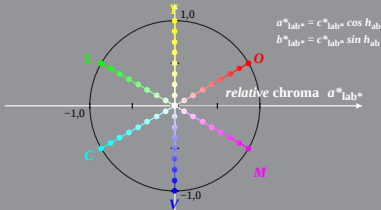
$h_{ab,d} = [29, 89, 150, 209, 270, 330]$

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

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

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

M = Maximum colour



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

CIELAB hue angles:

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

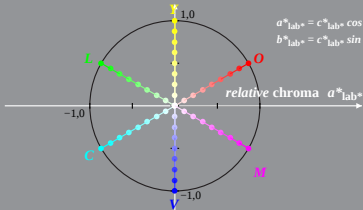
$$l^*_M = (L^*_M - L^*_N) / (L^*_W - L^*_N)$$

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

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

M = Maximum colour

$b^*_{lab^*}$



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

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

Linear relation *adapted (a)* CIELAB ($C^*_{ab,a}$, L^*) and *relative* CIELAB (c^* , t^*)
 System: SRS18

CIELAB hue angles:

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

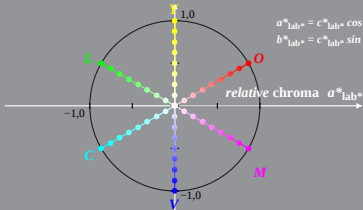
$$l^*_M = (L^*_M - L^*_N) / (L^*_W - L^*_N)$$

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

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

M = Maximum colour

$b^*_{lab^*}$



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

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

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

CIELAB hue angles:

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

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

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

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

M = Maximum colour

