

Linear relation CIELAB (L^* , a^* , b^*) and *adapted* (a) CIELAB ($C^*_{ab,a}$, L^*)
 System: K_IRS25_Z46N_N0

CIELAB hue angles:

$h_{ab,d} = [33, 97, 155, 238, 302, 356]$

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

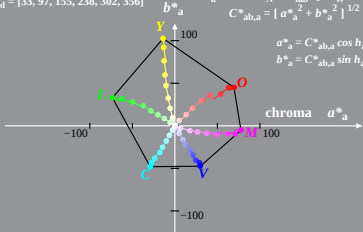
$$a^*_a = a^* - a^*_N - l^*_{lab^*} [a^*_W - a^*_N]$$

$$b^*_a = b^* - b^*_N - l^*_{lab^*} [b^*_W - b^*_N]$$

$$C^*_{ab,a} = [a^{*2}_a + b^{*2}_a]^{1/2}$$

$$a^*_a = C^*_{ab,a} \cos h_{ab}$$

$$b^*_a = C^*_{ab,a} \sin h_{ab}$$



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

System: K_IRS25_Z47N_N4

CIELAB hue angles:

$h_{ab,d} = [33, 97, 155, 238, 302, 356]$

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

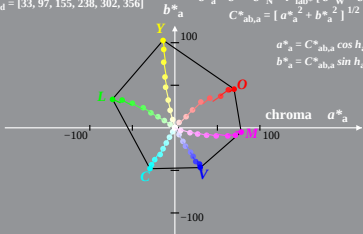
$$a^*_a = a^* - a^*_N - l^*_{lab^*} [a^*_W - a^*_N]$$

$$b^*_a = b^* - b^*_N - l^*_{lab^*} [b^*_W - b^*_N]$$

$$C^*_{ab,a} = [a^{*2}_a + b^{*2}_a]^{1/2}$$

$$a^*_a = C^*_{ab,a} \cos h_{ab}$$

$$b^*_a = C^*_{ab,a} \sin h_{ab}$$



Linear relation CIELAB (L^* , a^* , b^*) and *adapted (a)* CIELAB ($C^*_{ab,a}$, L^*)
 System: K_IRS24_Z48N_N5_VT095

CIELAB hue angles:

$h_{ab,d} = [33, 97, 153, 237, 303, 353]$

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

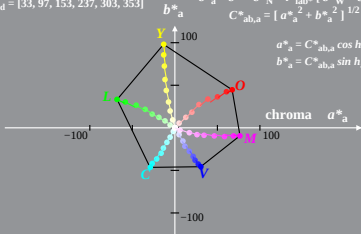
$$a^*_a = a^* - a^*_N - l^*_{lab^*} [a^*_W - a^*_N]$$

$$b^*_a = b^* - b^*_N - l^*_{lab^*} [b^*_W - b^*_N]$$

$$C^*_{ab,a} = [a^{*2}_a + b^{*2}_a]^{1/2}$$

$$a^*_a = C^*_{ab,a} \cos h_{ab}$$

$$b^*_a = C^*_{ab,a} \sin h_{ab}$$



Linear relation CIELAB (L^* , a^* , b^*) and *adapted (a)* CIELAB ($C^*_{ab,a}$, L^*)
 System: K_IRS24_Z48N_N5_VT100

CIELAB hue angles:

$h_{ab,d} = [33, 97, 155, 239, 302, 356]$

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

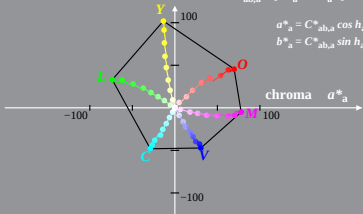
$$a^*_a = a^* - a^*_N - l^*_{lab^*} [a^*_W - a^*_N]$$

$$b^*_a = b^* - b^*_N - l^*_{lab^*} [b^*_W - b^*_N]$$

$$C^*_{ab,a} = [a^{*2}_a + b^{*2}_a]^{1/2}$$

$$a^*_a = C^*_{ab,a} \cos h_{ab}$$

$$b^*_a = C^*_{ab,a} \sin h_{ab}$$



Linear relation CIELAB (L^* , a^* , b^*) and *adapted (a)* CIELAB ($C^*_{ab,a}$, L^*)
 System: K_IRS24_Z48F_N5_VT095

CIELAB hue angles:

$h_{ab,d} = [33, 97, 153, 238, 307, 355]$

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

$$a^*_a = a^* - a^*_N - l^*_{lab^*} [a^*_W - a^*_N]$$

$$b^*_a = b^* - b^*_N - l^*_{lab^*} [b^*_W - b^*_N]$$

$$C^*_{ab,a} = [a^{*2}_a + b^{*2}_a]^{1/2}$$

$$a^*_a = C^*_{ab,a} \cos h_{ab}$$

$$b^*_a = C^*_{ab,a} \sin h_{ab}$$

