

Linear relation CIELAB ( $L^*$ ,  $a^*$ ,  $b^*$ ) and adapted (a) CIELAB ( $C^*_{ab,a}$ ,  $L^*$ )  
 System: K\_IRS25\_Z46N\_N0

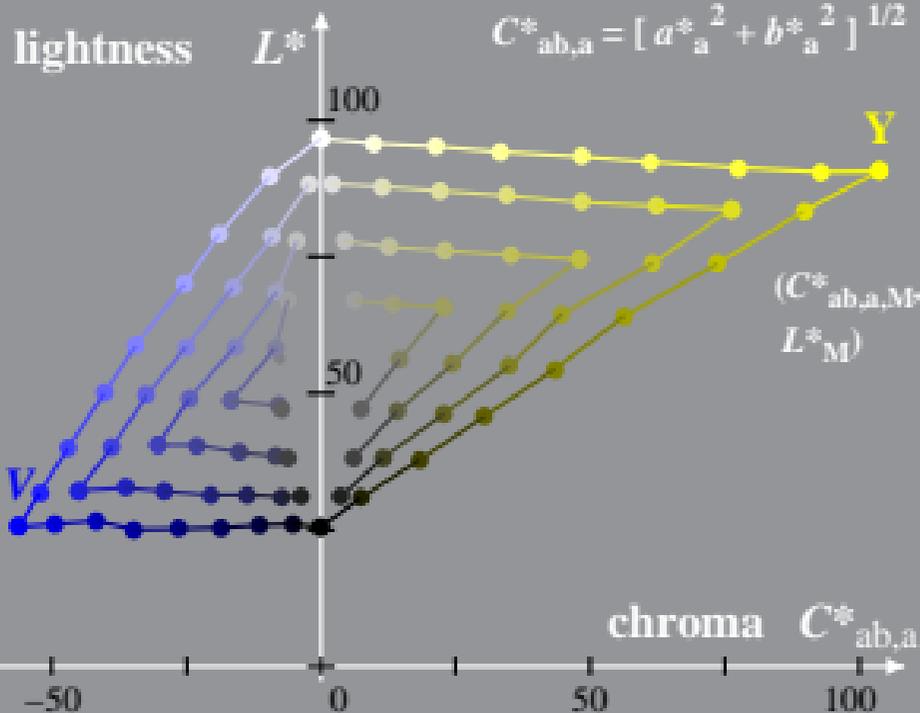
Hue:  $h^*_Y = 97/360$ ;  $h^*_V = 302/360$

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

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

$$b^*_{\text{a}} = b^* - b^*_N - l^*_{lab^*} [b^*_W - b^*_N]$$

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



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

System: K\_IRS25\_Z47N\_N4

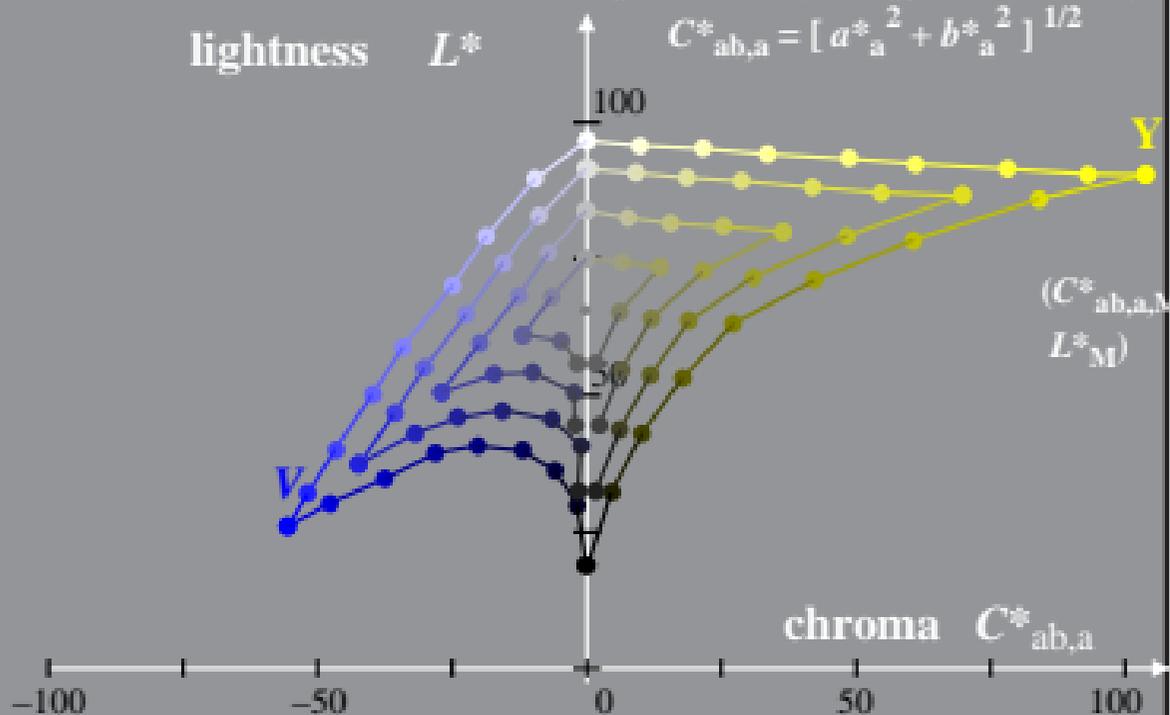
Hue:  $h^*_Y = 97/360$ ;  $h^*_V = 302/360$

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

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

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

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



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

System: K\_IRS24\_Z48N\_N5\_VT095

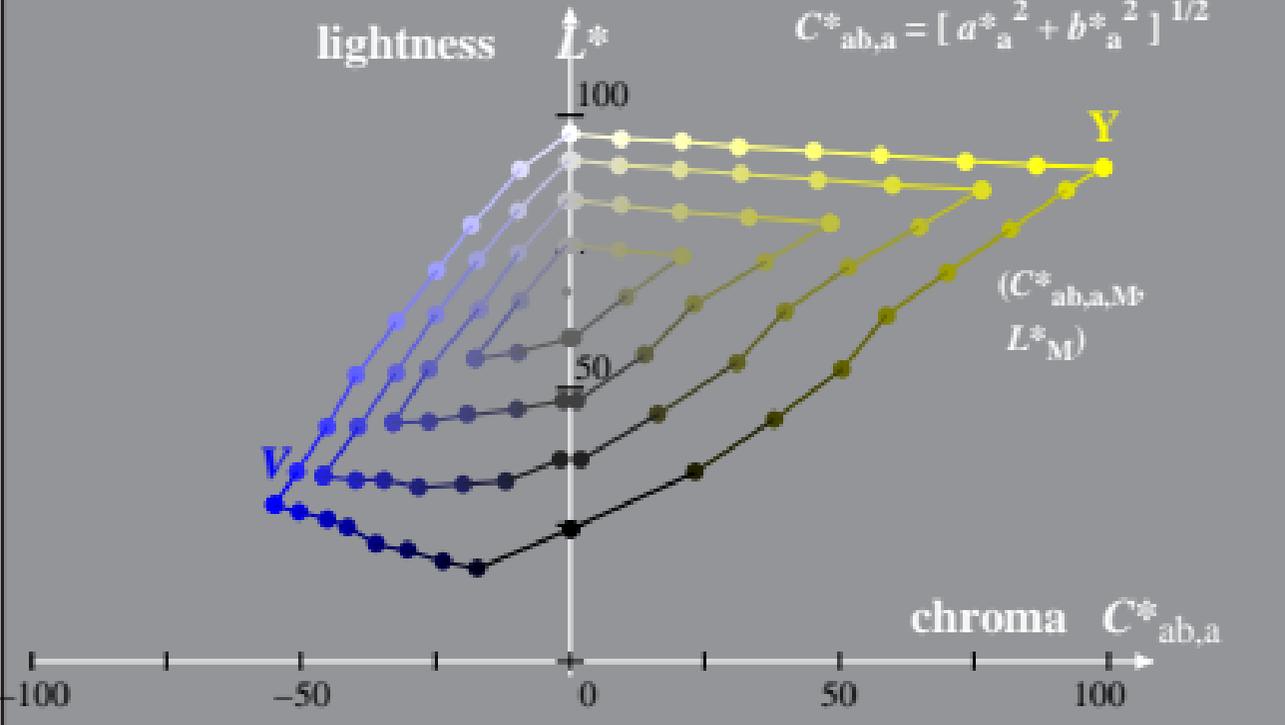
Hue:  $h^*_Y = 97/360$ ;  $h^*_V = 303/360$

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

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

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

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



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

System: K\_IRS24\_Z48N\_N5\_VT100

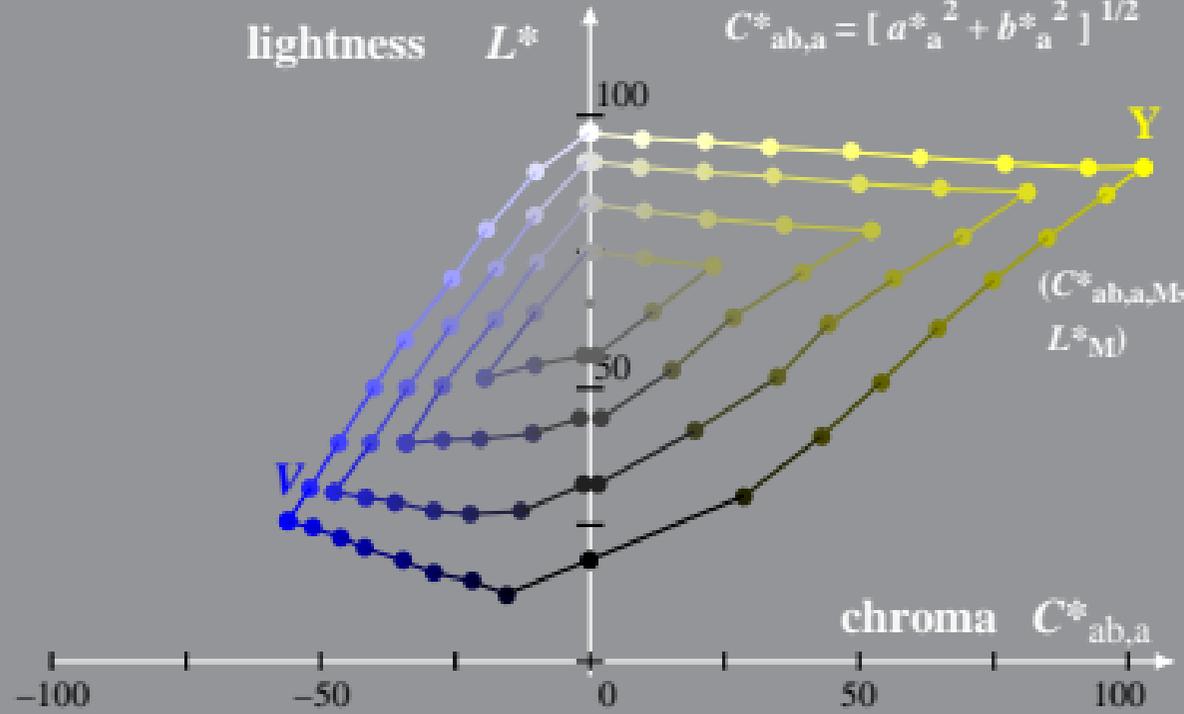
Hue:  $h^*_Y = 97/360$ ;  $h^*_V = 302/360$

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

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

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

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



Linear relation CIELAB ( $L^*$ ,  $a^*$ ,  $b^*$ ) and adapted (a) CIELAB ( $C^*_{ab,a}$ ,  $L^*$ )  
 System: K\_IRS24\_Z48F\_N5\_VT095

Hue:  $h^*_Y = 97/360$ ;  $h^*_V = 307/360$

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

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

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

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

