

Linear relation CIELAB (L^* , a^* , b^*) and adapted (a) CIELAB ($C^*_{ab,a}$, L^*)
 System: HE97_FRS09_92_D65_00%_O1

CIELAB hue angles:

$h_{ab,d}=[34, 92, 143, 226, 312, 337]$

$h_{ab,ex}=[26, 92, 162, 217, 272, 329]$

$h_{ab,e}=[26, 92, 162, 217, 272, 329]$ *J00G Y00L J00G*

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

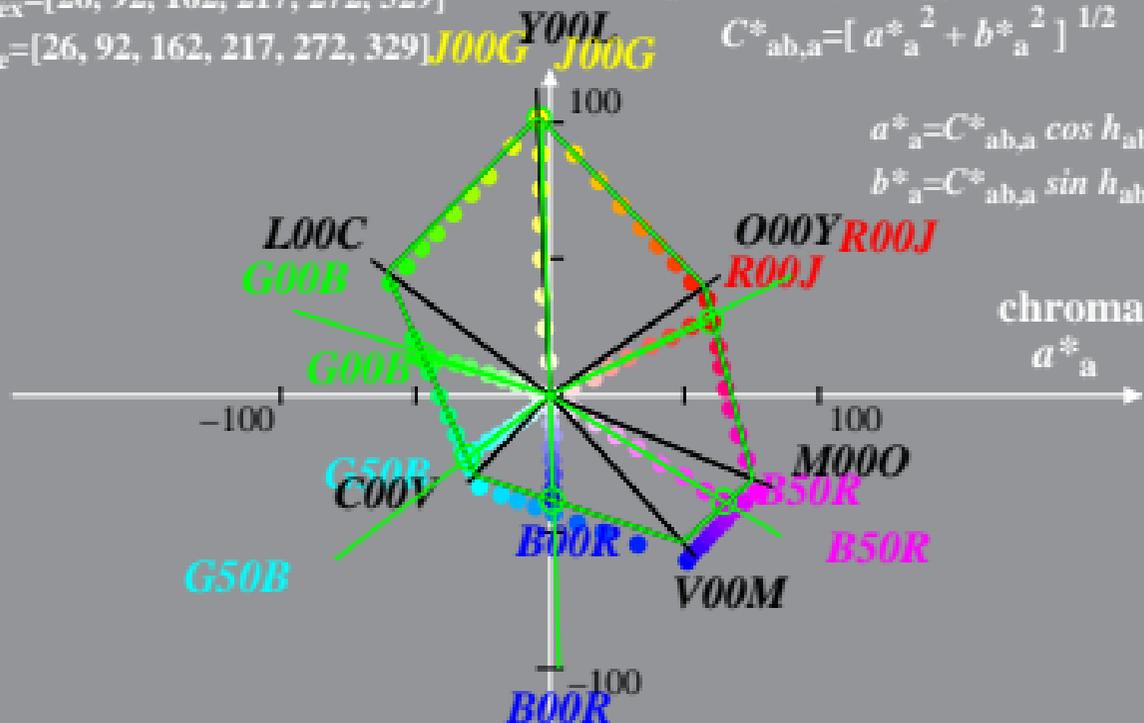
$$a^*_{a} = a^* - a^*_N - l^*_{lab^*} [a^*_W - a^*_N]$$

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

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

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

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



HE970-4A, 2; cf1=0.95; nt=0.18; nx=1.0