

CIELAB (L^* , a^* , b^*) CIELAB ($C^*_{ab,a}$, L^*)
System: ORS18a

CIELAB

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

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

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

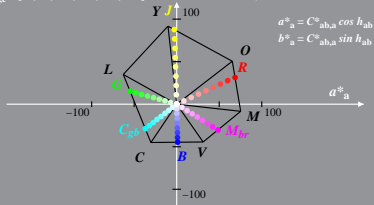
$$a^*_a = a^* - a^*_N - L^*_{lab^*} [a^*_W - a^*_N]$$

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

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

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

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



SS290-3N

CIELAB (L^* , a^* , b^*) CIELAB ($C^*_{ab,a}$, L^*)
System: PRS06a

CIELAB

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

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

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

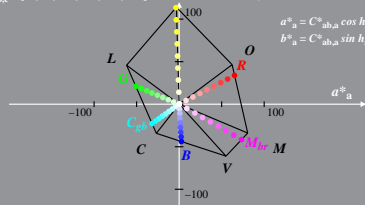
$$a^*_a = a^* - a^*_N - L^*_{lab^*} [a^*_W - a^*_N]$$

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

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

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

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



SS291-3N

CIELAB (L^* , a^* , b^*) CIELAB ($C^*_{ab,a}$, L^*)
System: TLS00

CIELAB

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

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

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

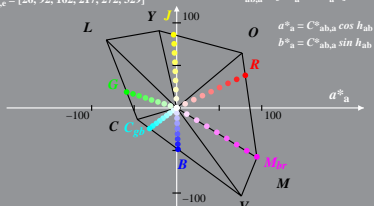
$$a^*_a = a^* - a^*_N - L^*_{lab^*} [a^*_W - a^*_N]$$

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

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

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

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



SS290-7N

CIELAB (L^* , a^* , b^*) CIELAB ($C^*_{ab,a}$, L^*)
System: NRS11a

CIELAB

$h_{ab,d} = [23, 90, 167, 202, 272, 325]$

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

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

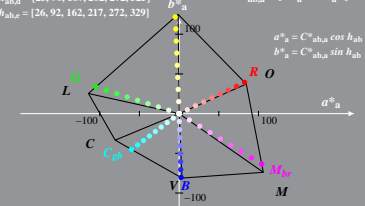
$$a^*_a = a^* - a^*_N - L^*_{lab^*} [a^*_W - a^*_N]$$

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

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

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

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



SS291-7N

gráfico TUB-SS29; 4 device systems and CIE elementary
hue data in CIELAB chroma diagram (a^* , b^*)

entrada: w/rgb/cmyk -> w/rgb/cmyk_
salida: ningún cambio