

Beziehung CIELAB (L^* , a^* , b^*) und adaptiertes (a) CIELAB ($C^*_{ab,a}$, L^*)
Fernseh-Licht-System: TLS27a

CIELAB-Bunttonwinkel RYGBM:

$h_{ab,d} = [31, 103, 137, 196, 302, 327]$
 $h_{ab,e} = [26, 92, 162, 217, 272, 329]$

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

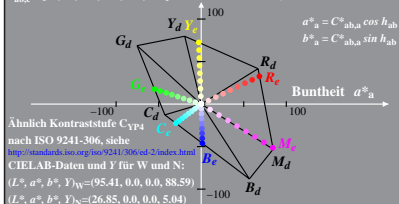
$$a^*_a = a^*$$

$$b^*_a = b^*$$

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

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

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



AGY50-3N

Beziehung CIELAB (L^* , a^* , b^*) und adaptiertes (a) CIELAB ($C^*_{ab,a}$, L^*)
Fernseh-Licht-System: TLS52a

CIELAB-Bunttonwinkel RYGBM:

$h_{ab,d} = [24, 105, 140, 197, 297, 327]$
 $h_{ab,e} = [26, 92, 162, 217, 272, 329]$

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

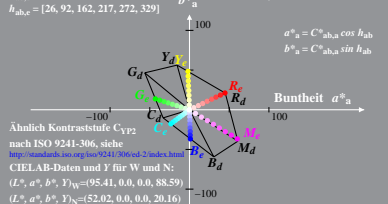
$$a^*_a = a^*$$

$$b^*_a = b^*$$

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

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

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



AGY51-3N

Beziehung CIELAB (L^* , a^* , b^*) und adaptiertes (a) CIELAB ($C^*_{ab,a}$, L^*)
Fernseh-Licht-System: TLS38a

CIELAB-Bunttonwinkel RYGBM:

$h_{ab,d} = [28, 104, 138, 196, 300, 327]$
 $h_{ab,e} = [26, 92, 162, 217, 272, 329]$

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

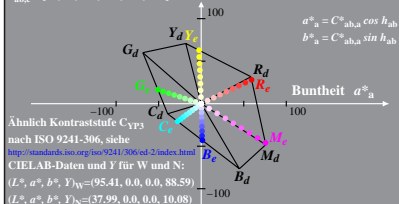
$$a^*_a = a^*$$

$$b^*_a = b^*$$

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

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

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



AGY50-7N

Beziehung CIELAB (L^* , a^* , b^*) und adaptiertes (a) CIELAB ($C^*_{ab,a}$, L^*)
Fernseh-Licht-System: TLS70a

CIELAB-Bunttonwinkel RYGBM:

$h_{ab,d} = [21, 107, 142, 197, 293, 326]$
 $h_{ab,e} = [26, 92, 162, 217, 272, 329]$

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

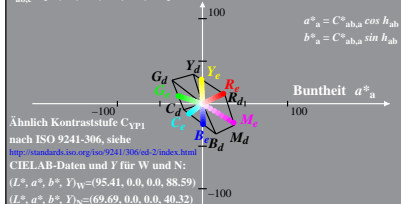
$$a^*_a = a^*$$

$$b^*_a = b^*$$

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

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

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



AGY51-7N