

Adapted (a) CIELAB ( $C^*_{ab,a}, L^*$ ) and relative CIELAB ( $c^*_{lab^*}, l^*_{lab^*}$ )

System: HE82\_HRS16\_96\_D65\_00%\_O0

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

CIELAB hue angles:

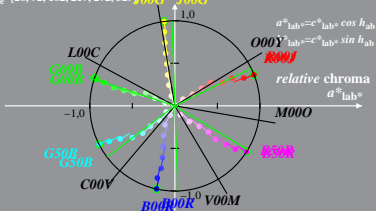
$h_{ab,d} = [32, 99, 151, 233, 300, 349]$

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

$h_{ab,e} = [26, 92, 162, 217, 272, 329]$  **Y00G J00G**

$$c^*_{lab^*} = C^*_{ab,a} / C^*_{ab,a,M}$$

M=Maximum colour



Adapted (a) CIELAB ( $C^*_{ab,a}, L^*$ ) and relative CIELAB ( $c^*_{lab^*}, l^*_{lab^*}$ )  
 System: HE82\_HRS16\_96\_D65\_00%\_O1  $l^*_{lab^*} = (L^* - L^*_N) / (L^*_W - L^*_N)$

CIELAB hue angles:

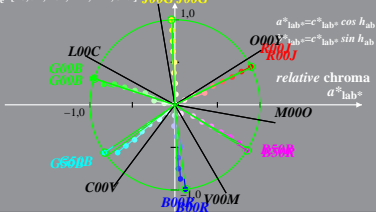
$h_{ab,d} = [32, 99, 151, 233, 300, 349]$

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

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

$c^*_{lab^*} = C^*_{ab,a} / C^*_{ab,a,M}$

M=Maximum colour



HE821-8A, 2; cf1=0.90; nt=0.18; nx=1.0

Adapted (a) CIELAB ( $C^*_{ab,a}, L^*$ ) and relative CIELAB ( $c^*_{lab^*}, l^*_{lab^*}$ )

System: HE82\_HRS16\_96\_D65\_25%\_O0

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

CIELAB hue angles:

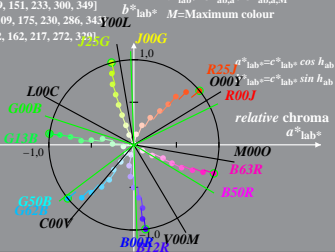
$h_{ab,d} = [32, 99, 151, 233, 300, 349]$

$h_{ab,ex} = [42, 109, 175, 230, 286, 343]$

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

$$c^*_{lab^*} = C^*_{ab,a} / C^*_{ab,a,M}$$

M=Maximum colour



HE821-8A, 3; cf1=0.90; nt=0.18; nx=1.0

Adapted (a) CIELAB ( $C^*_{ab,a}, L^*$ ) and relative CIELAB ( $c^*_{lab^*}, l^*_{lab^*}$ )

System: HE82\_HRS16\_96\_D65\_25%\_O1

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

CIELAB hue angles:

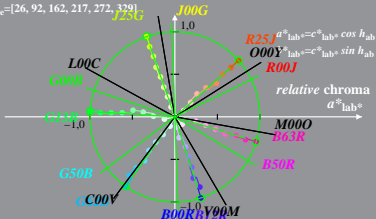
$h_{ab,d} = [32, 99, 151, 233, 300, 349]$

$h_{ab,ex} = [42, 109, 175, 230, 286, 343]$  **Y00L**

$h_{ab,e} = [26, 92, 162, 217, 272, 329]$  **J25G**

$$c^*_{lab^*} = C^*_{ab,a} / C^*_{ab,a,M}$$

M=Maximum colour



Adapted (a) CIELAB ( $C^*_{ab,a}, L^*$ ) and relative CIELAB ( $c^*_{lab^*}, l^*_{lab^*}$ )

System: HE82\_HRS16\_96\_D65\_50%\_O0

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

CIELAB hue angles:

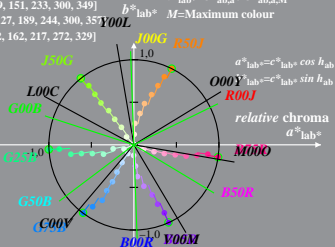
$h_{ab,d} = [32, 99, 151, 233, 300, 349]$

$h_{ab,ex} = [59, 127, 189, 244, 300, 357]$

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

$$c^*_{lab^*} = C^*_{ab,a} / C^*_{ab,a,M}$$

$M = \text{Maximum colour}$



HE821-8A, 5; cf1=0.90; nt=0.18; nx=1.0

Adapted (a) CIELAB ( $C^*_{ab,a}, L^*$ ) and relative CIELAB ( $c^*_{lab^*}, l^*_{lab^*}$ )

System: HE82\_HRS16\_96\_D65\_50%\_O1

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

CIELAB hue angles:

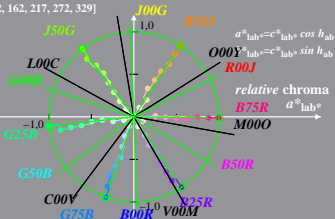
$h_{ab,d} = [32, 99, 151, 233, 300, 349]$

$h_{ab,ex} = [59, 127, 189, 244, 300, 357]$

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

$$c^*_{lab^*} = C^*_{ab,a} / C^*_{ab,a,M}$$

M=Maximum colour



Adapted (a) CIELAB ( $C^*_{ab,a}, L^*$ ) and relative CIELAB ( $c^*_{lab^*}, l^*_{lab^*}$ )

System: HE82\_HRS16\_96\_D65\_75%\_O0

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

CIELAB hue angles:

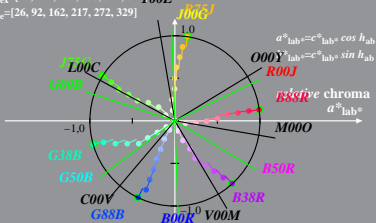
$h_{ab,d} = [32, 99, 151, 233, 300, 349]$

$h_{ab,ex} = [75, 144, 203, 258, 314, 370]$

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

$$c^*_{lab^*} = C^*_{ab,a} / C^*_{ab,a,M}$$

$M = \text{Maximum colour}$



Adapted (a) CIELAB ( $C^*_{ab,a}, L^*$ ) and relative CIELAB ( $c^*_{lab^*}, l^*_{lab^*}$ )

System: HE82\_HRS16\_96\_D65\_75%\_O1

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

CIELAB hue angles:

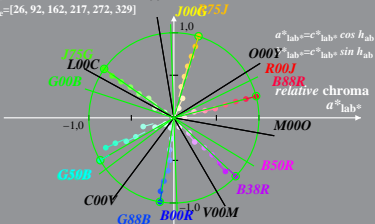
$h_{ab,d} = [32, 99, 151, 233, 300, 349]$

$h_{ab,ex} = [75, 144, 203, 258, 314, 371]$  **Y00L**

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

$$c^*_{lab^*} = C^*_{ab,a} / C^*_{ab,a,M}$$

M=Maximum colour



HE821-8A, 8; cf1=0.90; nt=0.18; nx=1.0