Linear relation *olv and *relative* chroma $c^*_{olv^*}$ or chroma $a^*_{olv^*}$, $b^*_{olv^*}$**

System: GE80_HRS16_96_D65_00%_O0

Result: $c^*_{olv^*}=c^*_{lab^*}$; $t^*_{olv^*}=t^*_{lab^*}$

CIELAB hue angles:

$h_{ab,d}$=[32, 100, 145, 206, 265, 348]

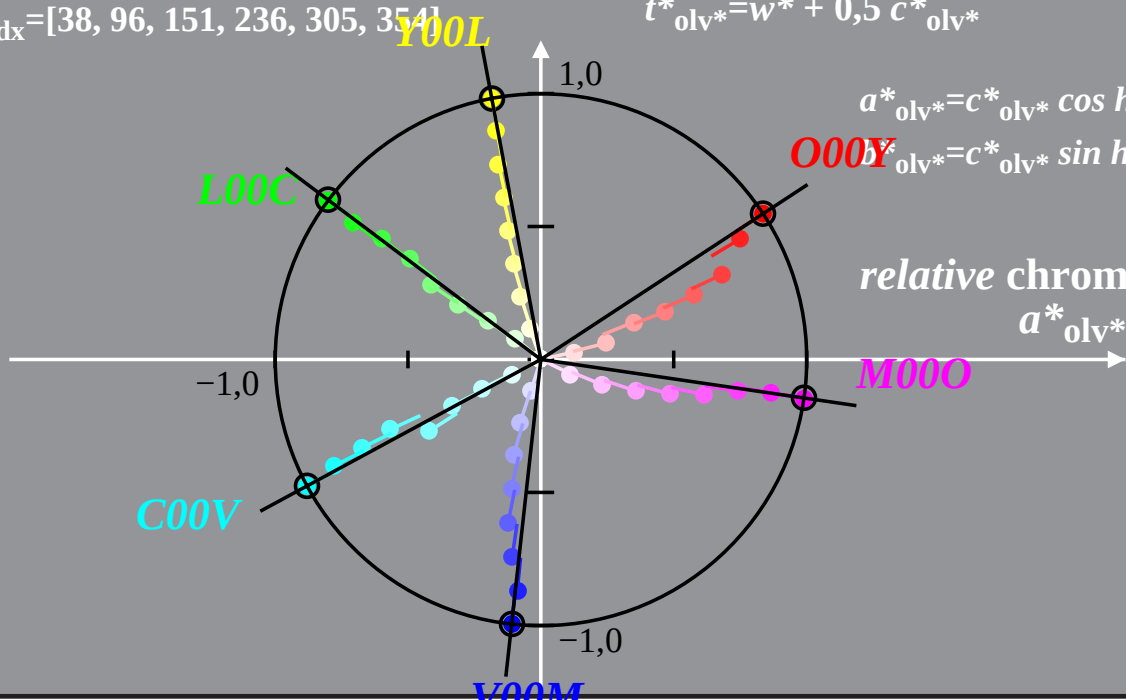
$h_{ab,dx}$=[38, 96, 151, 236, 305, 354]

$c^*_{olv^*}$=max (*olv) − min (*olv**)**

n^*=1 − max (*olv)= 1 − *i**

w^*=min (*olv)= 1 − *d**

$t^*_{olv^*}=w^* + 0{,}5\ c^*_{olv^*}$



GE801−8A, 1; cf1=0.90; nt=0.18; nx=1.0

Linear relation *olv and *relative* chroma $c^*_{olv^*}$ or chroma $a^*_{olv^*}$, $b^*_{olv^*}$**

System: GE80_HRS16_96_D65_00%_O1

Result: $c^*_{olv^*}=c^*_{lab^*}$; $t^*_{olv^*}=t^*_{lab^*}$

CIELAB hue angles:

$h_{ab,d}$=[32, 100, 145, 206, 265, 348]

$h_{ab,dx}$=[38, 96, 151, 236, 305, 354]

$c^*_{olv^*}=\max(olv^*)-\min(olv^*)$

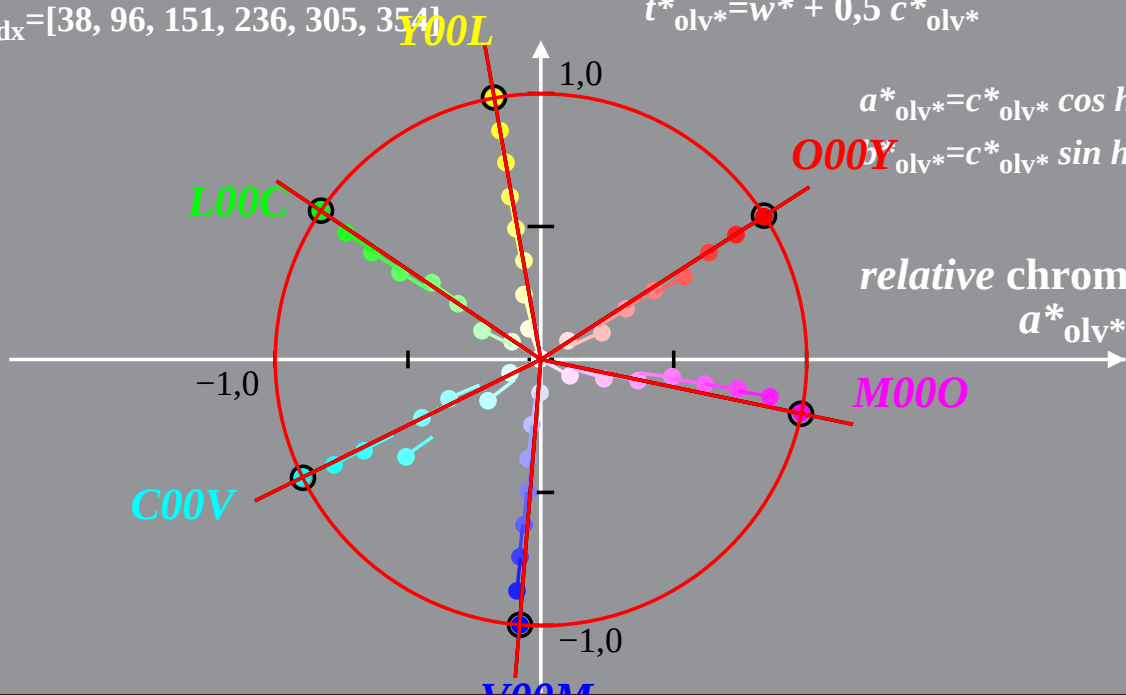
$n^*=1-\max(olv^*)=1-i^*$

$w^*=\min(olv^*)=1-d^*$

$t^*_{olv^*}=w^*+0{,}5\,c^*_{olv^*}$

$a^*_{olv^*}=c^*_{olv^*}\cos h_{ab}$

$b^*_{olv^*}=c^*_{olv^*}\sin h_{ab}$



GE801−8A, 2; cf1=0.90; nt=0.18; nx=1.0

Linear relation *olv and *relative* chroma $c^*_{olv^*}$ or chroma $a^*_{olv^*}$, $b^*_{olv^*}$**

System: GE80_HRS16_96_D65_25%_O0

Result: $c^*_{olv^*}=c^*_{lab^*}$; $t^*_{olv^*}=t^*_{lab^*}$

CIELAB hue angles:

$h_{ab,d}$=[32, 100, 145, 206, 265, 348]

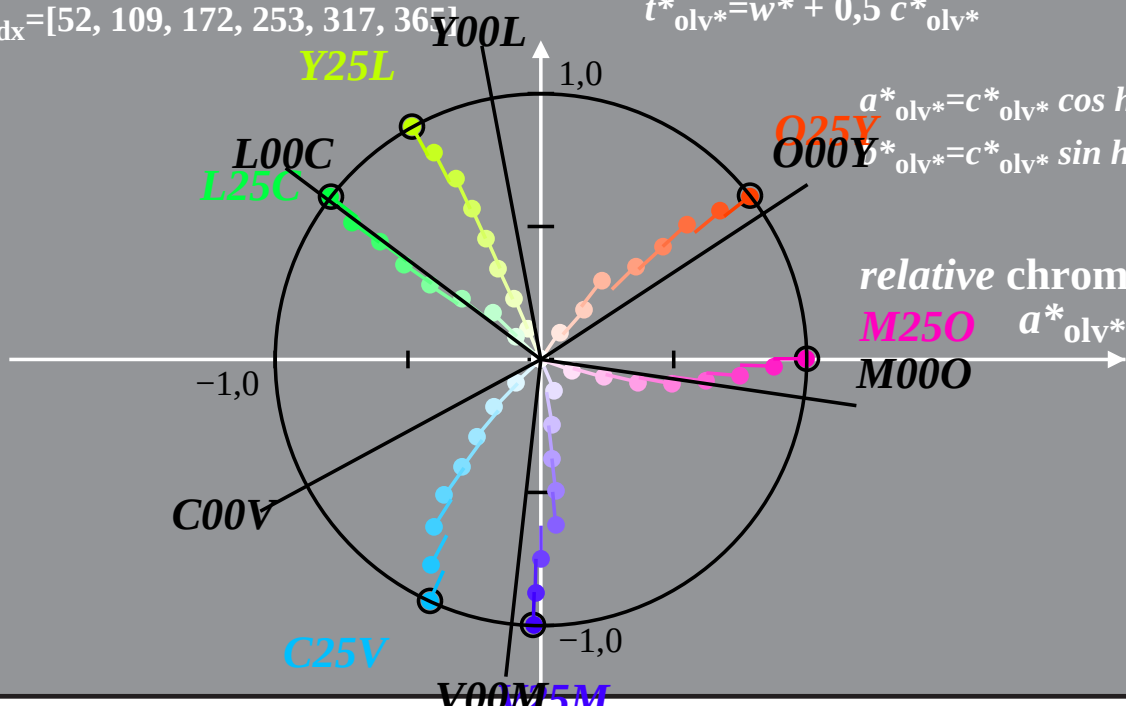
$h_{ab,dx}$=[52, 109, 172, 253, 317, 365]

$c^*_{olv^*}$=max (*olv) − min (*olv**)**

n^*=1 − max (*olv)= 1 − i^***

w^*=min (*olv)= 1 − d^***

$t^*_{olv^*}=w^* + 0{,}5\ c^*_{olv^*}$



GE801−8A, 3; cf1=0.90; nt=0.18; nx=1.0

Linear relation *olv and *relative* chroma $c^*_{olv^*}$ or chroma $a^*_{olv^*}$, $b^*_{olv^*}$**

System: GE80_HRS16_96_D65_25%_O1

Result: $c^*_{olv^*}=c^*_{lab^*}$; $t^*_{olv^*}=t^*_{lab^*}$

CIELAB hue angles:

$h_{ab,d}$=[32, 100, 145, 206, 265, 348]

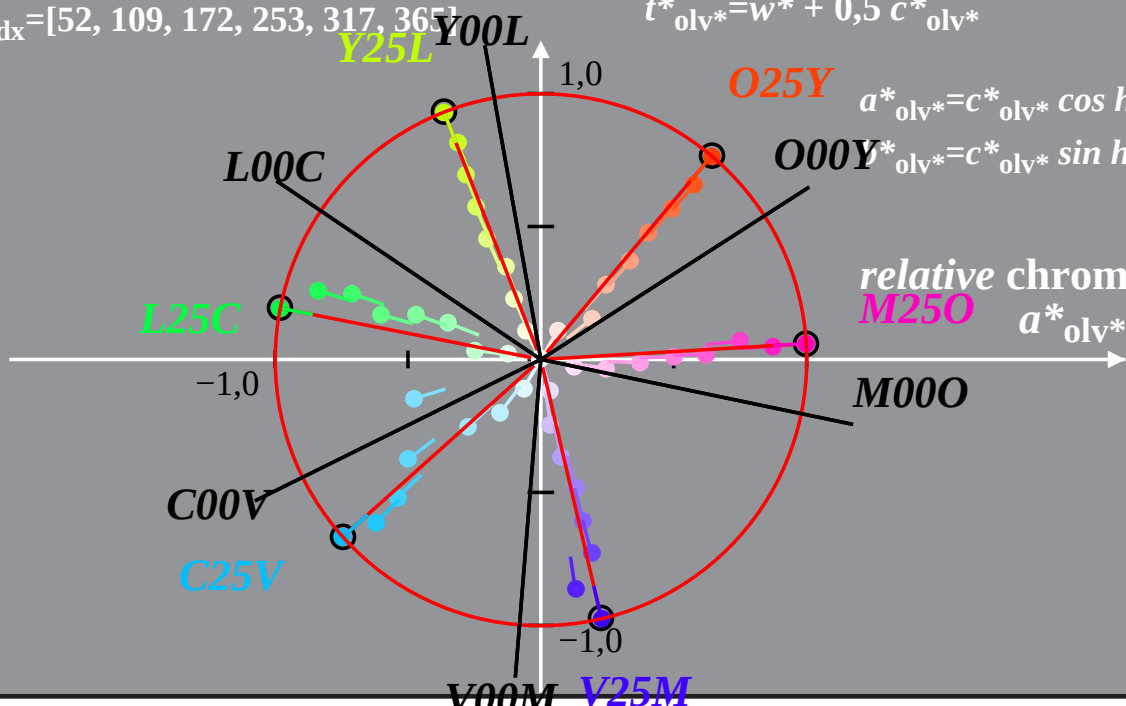
$h_{ab,dx}$=[52, 109, 172, 253, 317, 365]

$c^*_{olv^*}$=max (*olv) − min (*olv**)**

n^*=1 − max (*olv)= 1 − *i**

w^*=min (*olv)= 1 − *d**

$t^*_{olv^*}=w^* + 0{,}5\ c^*_{olv^*}$



GE801−8A, 4; cf1=0.90; nt=0.18; nx=1.0

Linear relation *olv and *relative* chroma $c^*_{olv^*}$ or chroma $a^*_{olv^*}$, $b^*_{olv^*}$**

System: GE80_HRS16_96_D65_50%_O0

Result: $c^*_{olv^*}=c^*_{lab^*}$; $t^*_{olv^*}=t^*_{lab^*}$

CIELAB hue angles:

$h_{ab,d}$=[32, 100, 145, 206, 265, 348]

$h_{ab,dx}$=[67, 123, 193, 270, 329, 376]

$c^*_{olv^*}$=max (*olv**) − min (*olv**)

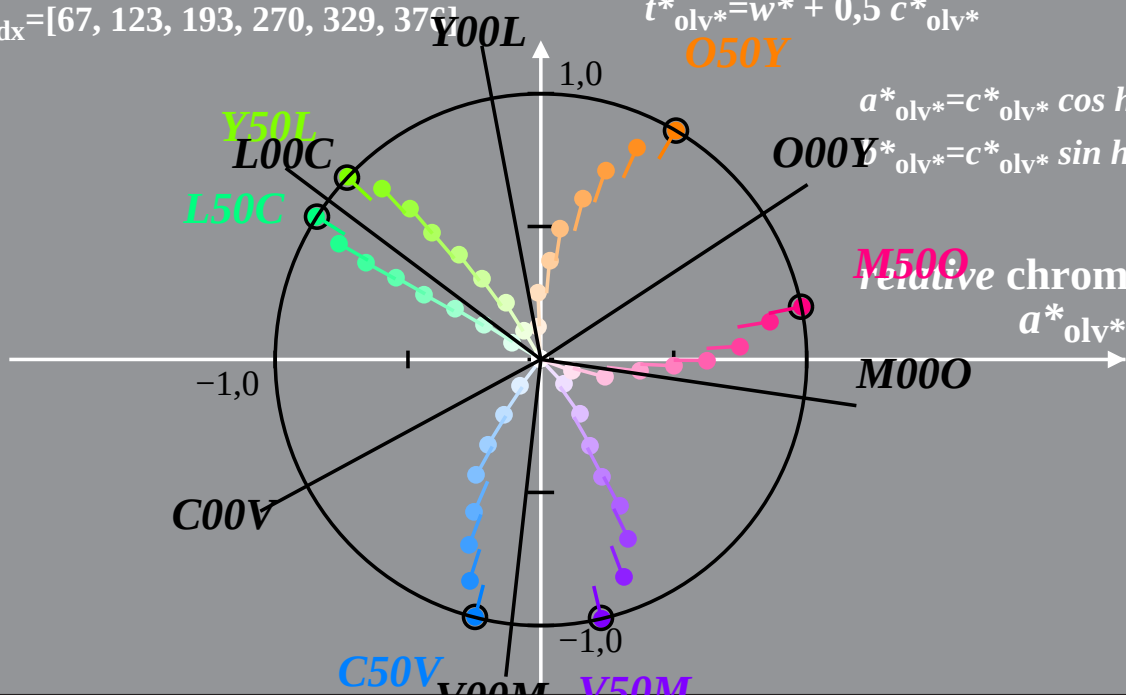
n^*=1 − max (*olv**)= 1 − *i**

w^*=min (*olv**)= 1 − *d**

$t^*_{olv^*}=w^* + 0{,}5\ c^*_{olv^*}$

$a^*_{olv^*}=c^*_{olv^*}\ cos\ h_{ab}$

$b^*_{olv^*}=c^*_{olv^*}\ sin\ h_{ab}$



GE801−8A, 5; cf1=0.90; nt=0.18; nx=1.0

Linear relation *olv and *relative* chroma $c^*_{olv^*}$ or chroma $a^*_{olv^*}$, $b^*_{olv^*}$**

System: GE80_HRS16_96_D65_50%_O1

Result: $c^*_{olv^*}=c^*_{lab^*}$; $t^*_{olv^*}=t^*_{lab^*}$

CIELAB hue angles:

$h_{ab,d}$=[32, 100, 145, 206, 265, 348]

$h_{ab,dx}$=[67, 123, 193, 270, 329, 376]

$c^*_{olv^*}$=max (*olv) − min (*olv**)**

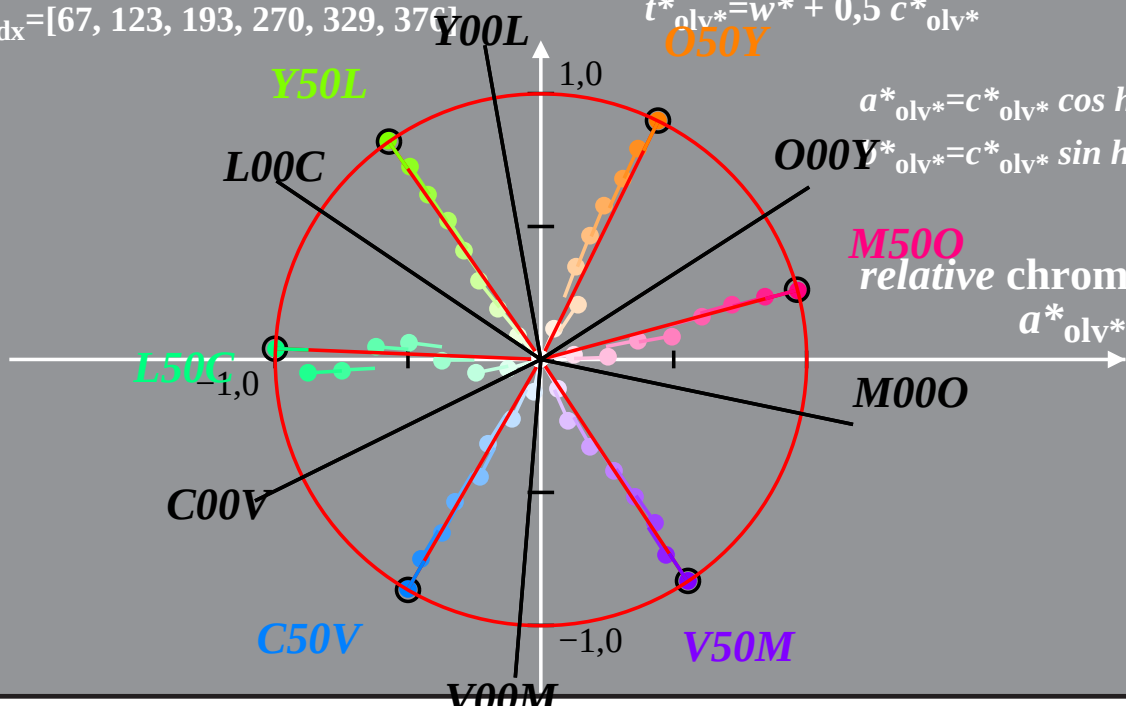
n^*=1 − max (*olv)= 1 − i^***

w^*=min (*olv)= 1 − d^***

$t^*_{olv^*}=w^* + 0{,}5\ c^*_{olv^*}$

$a^*_{olv^*}=c^*_{olv^*}\ cos\ h_{ab}$

$b^*_{olv^*}=c^*_{olv^*}\ sin\ h_{ab}$



GE801−8A, 6; cf1=0.90; nt=0.18; nx=1.0

Linear relation *olv and *relative* chroma $c^*_{olv^*}$ or chroma $a^*_{olv^*}$, $b^*_{olv^*}$**

System: GE80_HRS16_96_D65_75%_O0

Result: $c^*_{olv^*}=c^*_{lab^*}$; $t^*_{olv^*}=t^*_{lab^*}$

CIELAB hue angles:

$h_{ab,d}$=[32, 100, 145, 206, 265, 348]

$h_{ab,dx}$=[81, 137, 214, 287, 341, 387]

$c^*_{olv^*}$=max (*olv) − min (*olv**)**

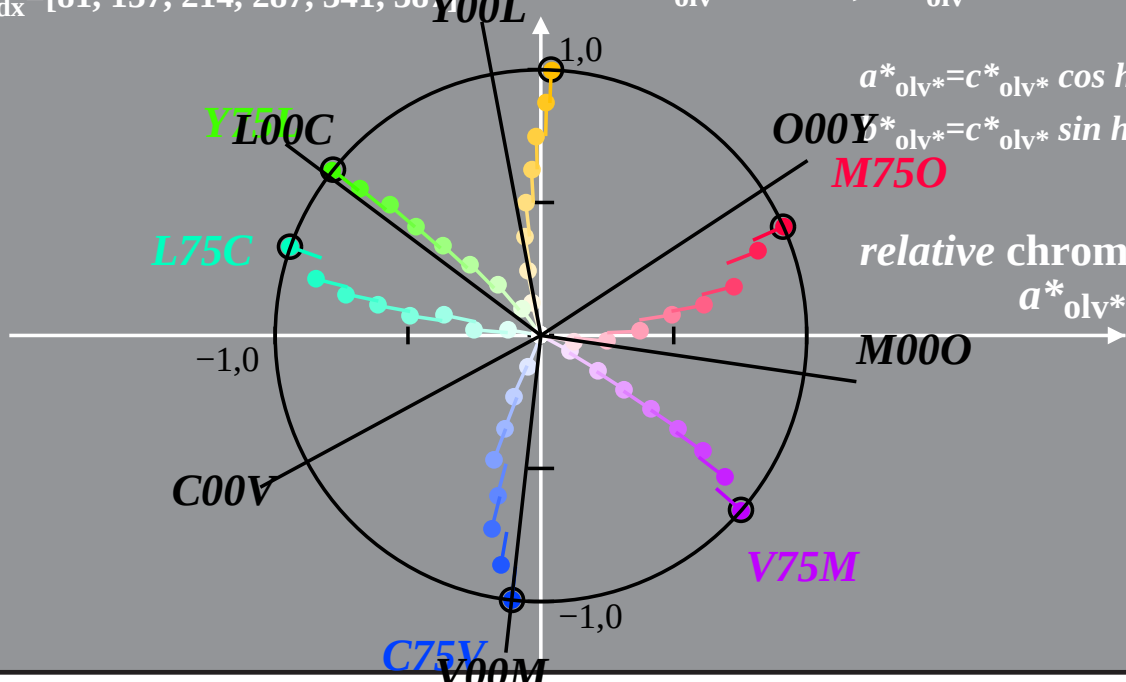
n^*=1 − max (*olv)= 1 − i^***

w^*=min (*olv)= 1 − d^***

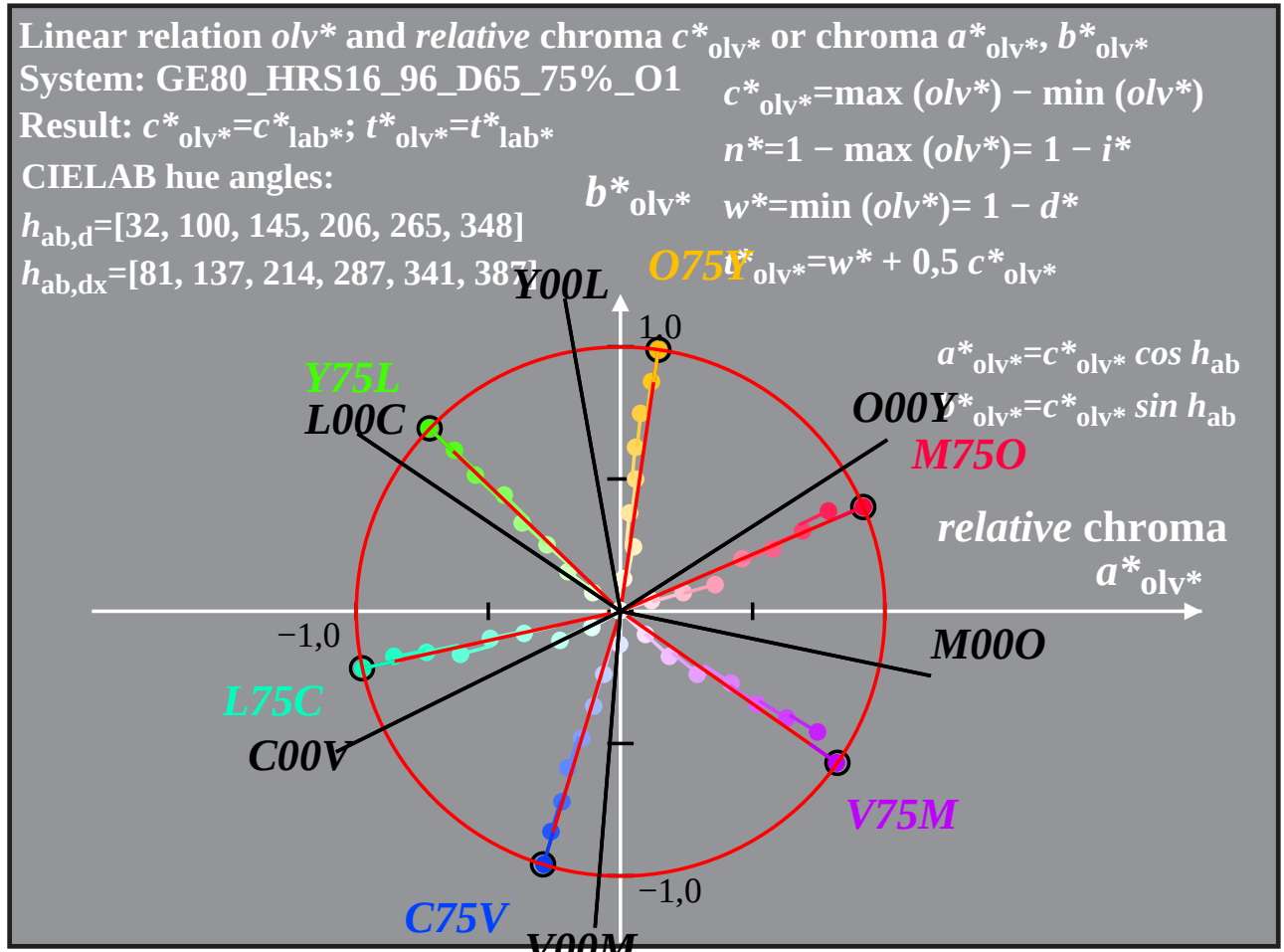
$t^*_{olv^*}=w^* + 0{,}5\ c^*_{olv^*}$

$a^*_{olv^*}=c^*_{olv^*}\ cos\ h_{ab}$

$b^*_{olv^*}=c^*_{olv^*}\ sin\ h_{ab}$



GE801−8A, 7; cf1=0.90; nt=0.18; nx=1.0



GE801−8A, 8; cf1=0.90; nt=0.18; nx=1.0