Beziehung *adaptiertes (a)* CIELAB (C*_ab,a, L*) und *relatives* CIELAB (c*, t*)
LG43_LECD display_1 0%_Fadin

CIELAB-Bunttonwinkel:
$h_{ab,d}$=[38, 96, 151, 236, 305, 354]
$h_{ab,e}$=[26, 92, 162, 217, 272, 329]

l^*_M=(L*_M − L*_N) / (L*_W − L*_N)

t^*_{lab*}=l^*_{lab*} − c^*_{lab*} [l^*_M − 0,5]

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

M=Maximalfarbe

a^*_{lab*}=c^*_{lab*} cos h_{ab}

b^*_{lab*}=c^*_{lab*} sin h_{ab}

relative Buntheit
a^*_{lab*}

LG431−4A, 0%_Fadin 0

Beziehung *adaptiertes (a)* CIELAB (C*$_{ab,a}$, L*) und *relatives* CIELAB (c*, t*)
LG43_LECD display_1 0%_Fadit

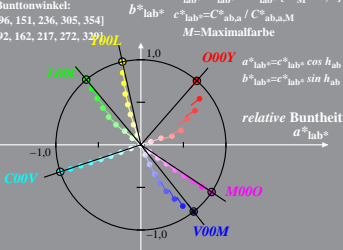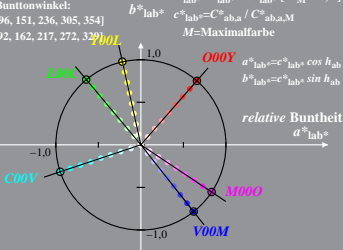CIELAB-Bunttonwinkel:
$h_{ab,d}$=[38, 96, 151, 236, 305, 354]
$h_{ab,e}$=[26, 92, 162, 217, 272, 329]

$l*_M$=(L*$_M$ − L*$_N$) / (L*$_W$ − L*$_N$)
$t*_{lab*}$=$l*_{lab*}$ − c*$_{lab*}$ [$l*_M$ − 0,5]
$c*_{lab*}$=C*$_{ab,a}$ / C*$_{ab,a,M}$
M=Maximalfarbe

$b*_{lab*}$

$a*_{lab*}$=c*$_{lab*}$ cos h_{ab}
$b*_{lab*}$=c*$_{lab*}$ sin h_{ab}

relative Buntheit
$a*_{lab*}$

LG431−4A, 0%_Fadit 1

Beziehung *adaptiertes (a)* CIELAB (C*$_{ab}$, a, L*) und *relatives* CIELAB (c*, t*)
LG43_LECD display_1 0,6%_Fadin

CIELAB-Bunttonwinkel:
$h_{ab,d}$=[38, 96, 151, 236, 305, 354]
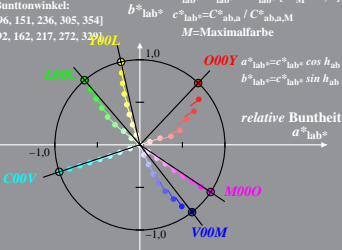$h_{ab,e}$=[26, 92, 162, 217, 272, 329]

l^*_M=(L*$_M$ − L*$_N$) / (L*$_W$ − L*$_N$)

$t^*_{lab^*}$=$l^*_{lab^*}$ − c*$_{lab^*}$ [l^*_M − 0,5]

$b^*_{lab^*}$

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

M=Maximalfarbe

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

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

relative **Buntheit**

$a^*_{lab^*}$

O00Y

180L

N00N

C00V

M00O

V00M

LG431−4A, 0,6%_Fadin 0

Beziehung *adaptiertes (a)* CIELAB (C*$_{ab,a}$, L*) und *relatives* CIELAB (c*, t*)
LG43_LECD display_1 0,6%_Fadit

CIELAB-Bunttonwinkel:
$h_{ab,d}$=[38, 96, 151, 236, 305, 354]
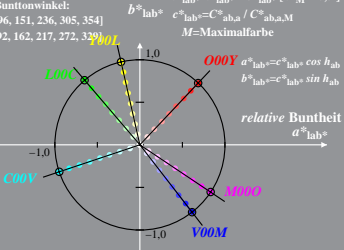$h_{ab,e}$=[26, 92, 162, 217, 272, 329]

l^*_M=(L*$_M$ − L*$_N$) / (L*$_W$ − L*$_N$)
$t^*_{lab^*}$=$l^*_{lab^*}$ − c*$_{lab^*}$ [l^*_M − 0,5]
$b^*_{lab^*}$
$c^*_{lab^*}$=C*$_{ab,a}$ / C*$_{ab,a,M}$
M=Maximalfarbe

$a^*_{lab^*}$=c*$_{lab^*}$ cos h_{ab}
$b^*_{lab^*}$=c*$_{lab^*}$ sin h_{ab}

relative **Buntheit**
$a^*_{lab^*}$

LG431−4A, 0,6%_Fadit 1

Beziehung *adaptiertes (a)* CIELAB (C*$_{ab,a}$, L*) und *relatives* CIELAB (c*, t*)
LG43_LECD display_1 1,2%_Fadin

CIELAB-Bunttonwinkel:
$h_{ab,d}$=[38, 96, 151, 236, 305, 354]
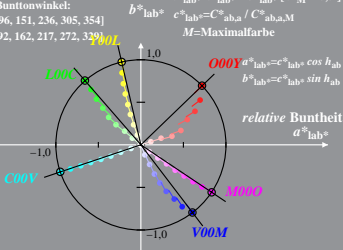$h_{ab,e}$=[26, 92, 162, 217, 272, 329]

$l*_M=(L*_M − L*_N) / (L*_W − L*_N)$
$t*_{lab*}=l*_{lab*} − c*_{lab*} [l*_M − 0,5]$
$b*_{lab*}=c*_{ab,a} / C*_{ab,a,M}$
M=Maximalfarbe

$c*_{lab*}=c*_{lab*} \cos h_{ab}$
$b*_{lab*}=c*_{lab*} \sin h_{ab}$

relative **Buntheit**
$a*_{lab*}$

LG431−4A, 1,2%_Fadin 0

Beziehung *adaptiertes (a)* CIELAB (C*ab,a, L*) und *relatives* CIELAB (c*, t*)
LG43_LECD display_1 1,2%_Fadit

CIELAB-Bunttonwinkel:
$h_{ab,d}$=[38, 96, 151, 236, 305, 354]
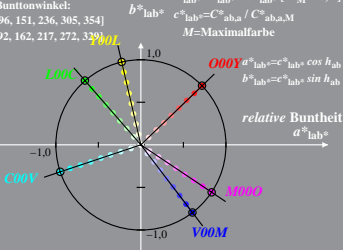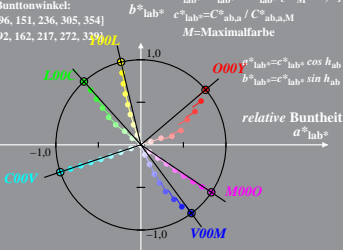$h_{ab,e}$=[26, 92, 162, 217, 272, 329]

l^*_M=$(L^*_M − L^*_N) / (L^*_W − L^*_N)$

$t^*_{lab^*}$=$l^*_{lab^*} − c^*_{lab^*}$ [$t^*_M − 0,5$]

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

M=Maximalfarbe

$O00Y$ $a^*_{lab^*}$=$c^*_{lab^*} \cos h_{ab}$
$b^*_{lab^*}$=$c^*_{lab^*} \sin h_{ab}$

relative **Buntheit** $a^*_{lab^*}$

LG431−4A, 1,2%_Fadit 1

Beziehung *adaptiertes (a)* CIELAB (C*$_{ab}$*, L*) und *relatives* CIELAB (c*, t*)
LG43_LECD display_1 2,5%_Fadin

$P_M = (L^*_M - L^*_N) / (L^*_W - L^*_N)$

$t^*_{lab^e} = t^*_{lab^e} - c^*_{lab^e} [t^*_M - 0,5]$

CIELAB-Bunttonwinkel:
$h_{ab,d} = [38, 96, 151, 236, 305, 354]$
$h_{ab,e} = [26, 92, 162, 217, 272, 329]$

$b^*_{lab^e}$

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

$M = $ Maximalfarbe

$O00Y$ $b^*_{lab^e} = c^*_{lab^e} \cos h_{ab}$
$b^*_{lab^e} = c^*_{lab^e} \sin h_{ab}$

relative **Buntheit**

$a^*_{lab^e}$

LG431−4A, 2,5%_Fadin 0

$l*_M=(L*_M - L*_N) / (L*_W - L*_N)$

$t*_{lab*}=l*_{lab*} - c*_{lab*} [l*_M - 0,5]$

CIELAB-Bunttonwinkel:

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

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

$b*_{lab*}$

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

M=Maximalfarbe

$a*_{lab*}=c*_{lab*} cos h_{ab}$

$b*_{lab*}=c*_{lab*} sin h_{ab}$

relative **Buntheit**
$a*_{lab*}$

Beziehung *adaptiertes (a)* CIELAB (C*$_{ab,a}$, L*) und *relatives* CIELAB (c*, t*)
LG43_LECD display_1 5%_Fadin

CIELAB-Bunttonwinkel:
$h_{ab,d}$=[38, 96, 151, 236, 305, 354]
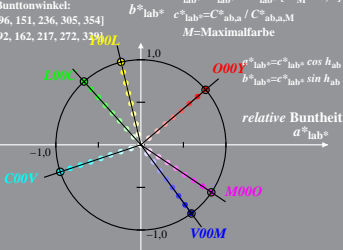$h_{ab,e}$=[26, 92, 162, 217, 272, 329]

l^*_M=(L*$_M$ − L*$_N$) / (L*$_W$ − L*$_N$)
$t^*_{lab^*}$=$l^*_{lab^*}$ − $c^*_{lab^*}$ [l^*_M − 0,5]
$c^*_{lab^*}$=C*$_{ab,a}$ / C*$_{ab,a,M}$
M=Maximalfarbe

$b^*_{lab^*}$

$a^*_{lab^*}$=$c^*_{lab^*}$ *cos h* $_{ab}$
$b^*_{lab^*}$=$c^*_{lab^*}$ *sin h* $_{ab}$

Y00L
L00Y
O00Y
relative **Buntheit**
$a^*_{lab^*}$
C00V
M00O
V00M

LG431−4A, 5%_Fadin 0

Beziehung *adaptiertes (a)* CIELAB (C*_{ab,a}, L*) und *relatives* CIELAB (c*, t*)
LG43_LECD display_1 5%_Fadit

CIELAB-Bunttonwinkel:
$h_{ab,d}$=[38, 96, 151, 236, 305, 354]
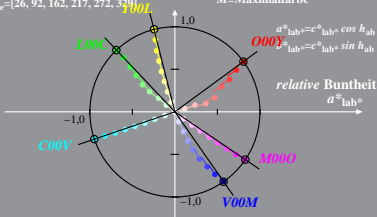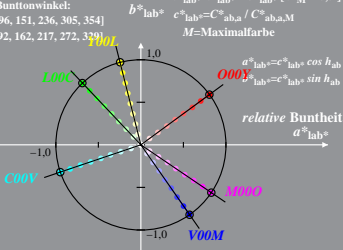$h_{ab,e}$=[26, 92, 162, 217, 272, 329]

$l^*_M=(L^*_M - L^*_N) / (L^*_W - L^*_N)$
$t^*_{lab^*}=l^*_{lab^*} - c^*_{lab^*} [l^*_M - 0,5]$
$b^*_{lab^*}$ $c^*_{lab^*}=C^*_{ab,a} / C^*_{ab,a,M}$
M=Maximalfarbe

$a^*_{lab^*}=c^*_{lab^*} \cos h_{ab}$
$b^*_{lab^*}=c^*_{lab^*} \sin h_{ab}$

relative Buntheit
$a^*_{lab^*}$

Y00L
L00Y
O00Y
C00V
M00O
V00M

LG431−4A, 5%_Fadit 1

Beziehung *adaptiertes (a)* CIELAB (C*ₐ,ₐₕ, L*) und *relatives* CIELAB (e*, f*)
LG43_LECD display_1 10%_Fadin
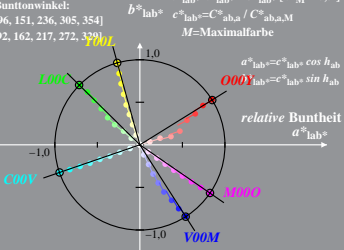
CIELAB-Bunttonwinkel:
$h_{ab,d}=[38, 96, 151, 236, 305, 354]$
$h_{ab,e}=[26, 92, 162, 217, 272, 329]$

$l^*_M=(L^*_M - L^*_N) / (L^*_W - L^*_N)$

$f^*_{lab^*}=l^*_{lab^*} - e^*_{lab^*} [l^*_M - 0.5]$

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

M=Maximalfarbe

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

O00Y $c^*_{lab^*}=c^*_{lab^*} sin\ h_{ab}$

relative **Buntheit**

$a^*_{lab^*}$

Y00L

L00N

C00V

M00O

V00M

1.0

−1,0

1,0

−1,0

Beziehung *adaptiertes (a)* CIELAB (C*ab,a, L*) und *relatives* CIELAB (c*, t*)
LG43_LECD display_1 10%_Fadit

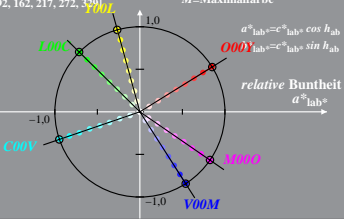CIELAB-Bunttonwinkel:
$h_{ab,d}$=[38, 96, 151, 236, 305, 354]
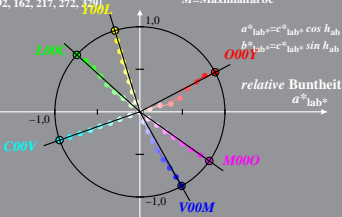$h_{ab,e}$=[26, 92, 162, 217, 272, 329]

l^*_M=($L^*_M - L^*_N$) / ($L^*_W - L^*_N$)

$t^*_{lab^*}$=$l^*_{lab^*} - c^*_{lab^*}$ [$l^*_M - 0,5$]

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

M=Maximalfarbe

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

O00Y $b^*_{lab^*}$=$c^*_{lab^*}$ sin h_{ab}

relative **Buntheit**

$a^*_{lab^*}$

LG431−4A, 10%_Fadit 1

Beziehung *adaptiertes (a)* CIELAB (C*$_{ab,a}$, L*) und *relatives* CIELAB (c*, t*)
LG43_LECD display_1 20%_Fadin

$P_M = (L*_M - L*_N) / (L*_W - L*_N)$

$t*_{lab^*} = t*_{lab^*} - c*_{lab^*} [t*_M - 0,5]$

CIELAB-Bunttonwinkel:

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

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

$M = $Maximalfarbe

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

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

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

relative **Buntheit**

LG431−4A, 20%_Fadin 0

Beziehung *adaptiertes (a)* CIELAB (C*ab, L*) und *relatives* CIELAB (e*, r*)
LG43_LECD display_1 20%_Fadit

$P'_M = (L^*_M - L^*_N) / (L^*_W - L^*_N)$

$t^*_{lab^*} = l^*_{lab^*} - c^*_{lab^*} [l^*_M - 0.5]$

CIELAB-Bunttonwinkel:
$h_{ab,d} = [38, 96, 151, 236, 305, 354]$
$h_{ab,e} = [26, 92, 162, 217, 272, 329]$

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

M = Maximalfarbe

$a^*_{lab^*} = c^*_{lab^*} \cos h_{ab}$
$b^*_{lab^*} = c^*_{lab^*} \sin h_{ab}$

relative **Buntheit**

$a^*_{lab^*}$

Y00L
U00O
O00Y
C00V
M00O
V00M

LG431−4A, 20%_Fadit 1

Beziehung *adaptiertes (a)* CIELAB (C*ab,ab, L*) und *relatives* CIELAB (c*, t*)
LG43_LECD display_1 40%_Fadin

$P_M = (L^*_M - L^*_N) / (L^*_W - L^*_N)$

$t^*_{lab^*} = l^*_{lab^*} - c^*_{lab^*} [t^*_M - 0.5]$

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

M=Maximalfarbe

CIELAB-Bunttonwinkel:
$h_{ab,d}$=[38, 96, 151, 236, 305, 354]
$h_{ab,c}$=[26, 92, 162, 217, 272, 329]

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

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

relative **Buntheit**

$a^*_{lab^*}$

Y00L

C00G

O00Y

C00V

M00O

V00M

Beziehung *adaptiertes (a)* CIELAB (C*ab,a, L*) und *relatives* CIELAB (c*, t*)
LG43_LECD display_1 40%_Fadit

$l^*_M = (L^*_M - L^*_N) / (L^*_W - L^*_N)$

$t^*_{lab^*} = l^*_{lab^*} - c^*_{lab^*} [l^*_M - 0.5]$

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

M = Maximalfarbe

CIELAB-Bunttonwinkel:
$h_{ab,d}$=[38, 96, 151, 236, 305, 354]
$h_{ab,e}$=[26, 92, 162, 217, 272, 329]

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

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

LG431−4A, 40%_Fadit 1