

# Tim Riffe Personal

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## Thighlight

Thighlight {EZLex}

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A function to highlight triangles on the diagram drawn by [Lexis](#).

## Description

Just specify how many you want to click and what color they should be. Then click the diagram where you want triangles highlighted.

## Usage

```
Thighlight(n = 1, col = "#00206050")
```

## Arguments

- n** a number. How many triangles will you want to be clicking, sir?
- col** The color to be used. Specify in any way accepted by plot colors. If you want opacity, I suggest the HEX RGB specification per the example. These are character strings starting with #, followed by 6 numbers RRGGBB, then two more for opacity e.g. "#RRGGBB50" for 50

## Details

try the examples. Bear in mind you can still manually plot over the Lexis diagram if this function doesn't do what you want.

## Value

performs action on the Lxis diagram in the active graphics device.

## Note

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Bear in mind that you need to have specified years and ages as named objects. If you specified them directly in the arguments for `Lexis()`, then this function will not know where they are and it won't work. Sorry for this quirk.

## Author(s)

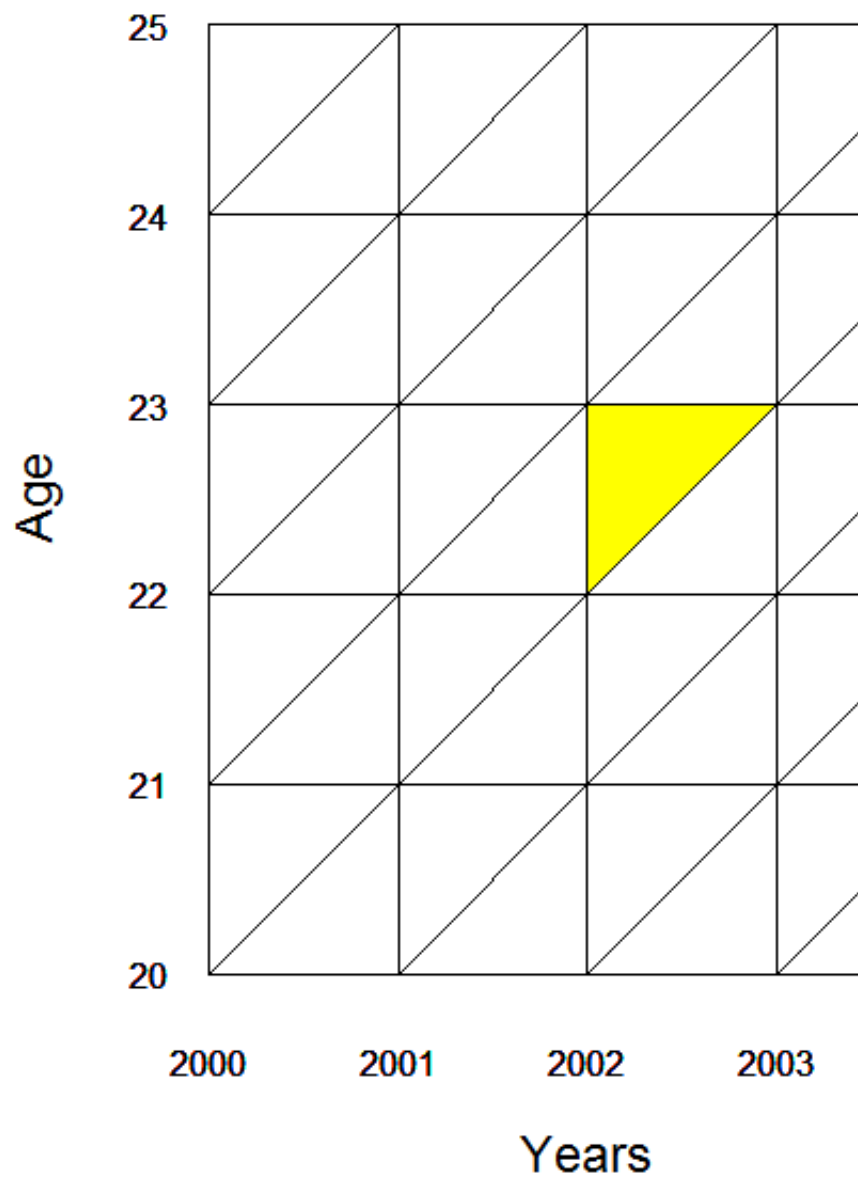
Tim Riffe

## Examples

```
ages <- 20:25
years <- 2000:2004
Lexis(ages=ages,years=years,labs=T)
Thighlight(1,"yellow")
```

```
## The function is currently defined as
function(n=1,col="#00206050"){
  for (i in 1:n){
    xy <- locator(1,type="n")
    lft <- max(years[years<xy$x]);right <- min(years[y
    tp <- min(ages[ages>xy$y]);btm <- max(ages[ages<x
    if ((xy$x-lft)>(xy$y-btm))
      polygon(c(lft,right,right),c(btm,btm,tp),col=co
    else
      polygon(c(lft,lft,right),c(btm,tp,tp),col=col)
  }
}
```

## The yellow triangle was selected by clicking on it...



[Package *EZLex* version 1.0 [Index](#)]

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