

ICT-Start – Session 01

Module 2: Creating static web pages using HTML5 and CSS3

G) CSS-Grid

December 2022

Pseudo Classes

- Demo

Pseudo Classes

- Most used pseudo classes:
 - User-action Pseudo Classes
 - Interaction with the user (mouse)
 - Tree-structural Pseudo Classes
 - relate to the location of an element within the document tree (first-child, nth, ...)
 - Functional Pseudo Classes
 - Accept other pseudo classes as parameter (negation, not)

User Action Pseudo Classes

- Used to react to a state change

Some links:

Unvisited Link

Visited Link

Selected Link

Mouse over Link



Hover Effect:

Mouse Over Me!



```
a{color:blue}  
a:hover{color: orange}  
a:visited{color: gray}
```

```
.button:hover{  
  background-color: lightgray;  
  cursor: pointer;  
}
```

User Action Pseudo Classes



Some tooltip: (hover over me)

Some tooltip: (hover over me)

Tada! Here I am!

```
p {  
  display: none;  
  background-color: yellow;  
  padding: 20px;  
}  
  
div:hover p {  
  display: block;  
}
```

Tree-Structural Pseudo Classes

- Selector to elements related to other elements in the document tree

Some recipe:

Cake

- Milk
- Eggs 3
- Butter
- Sugar

Drinks

- Coca-Cola
- Sprite
- Ice Tea
- Sparkling Water

```
li:first-child{  
  font-size: 20px;  
  text-decoration: underline;  
  list-style-type: none;  
}
```

```
li:nth-child(3){  
  color: red;  
}
```



Try it!

Tree-Structural Pseudo Classes



Try it!

Company	Contact	Country
Alfreds Futterkiste	Maria Anders	Germany
Centro comercial Moctezuma	Francisco Chang	Mexico
Ernst Handel	Roland Mendel	Austria
Island Trading	Helen Bennett	UK
Laughing Bacchus Winecellars	Yoshi Tannamuri	Canada
Magazzini Alimentari Riuniti	Giovanni Rovelli	Italy

```
tr:first-child{
    color:white;
    background-color: black;
}

tr:nth-child(odd) td{
    background-color: lightgray;
}

/* or */
/*
    tr:nth-child(even){
        background-color: lightgray;
    }
*/
/* or */
/*
    tr:nth-child(odd):not(:first-child){
        background-color: lightgray;
    }
*/
```

Exercices