



Développement Web - CSS-

Groupe des étudiants : CIR1



Arrière plan



Pseudo-classe: pseudo-class

■ Définition : une pseudo-classe permet de définir un état spécifique d'un élément

Syntaxe :

```
selector:pseudo-class
{
  property:value;
}
```

- Quelques types de pseudo-classes :
 - ":link"
 - ":visited"
 - ":focus"
 - ":hover"
 - ":active"
 - ...



Pseudo-classe: pseudo-class

Exemple:

```
a { text-decoration: none; }
a:link { color: maroon; }
a:visited { color: gray; }
a:focus { color: maroon; background-color: #ffd9d9; }
a:hover { color: maroon; background-color: #ffd9d9; }
a:active { color: red; background-color: #ffd9d9; }
```

Samples of my work:

- Pen and Ink Illustrations
- Paintings
- Collage

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a:hover

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a:link a:focus a:active a:visited

2021-2022



Pseudo-element: pseudo-element

- Définition : un pseudo-élément permet de mettre en forme certaines parties d'un élément
- Syntaxe :

```
selector::pseudo-element
{
   property:value;
```

- Quelques types de pseudo-classes :
 - "::first-line"
 - "::first-letter"
 - "::before"
 - "::after"
 - ...



Pseudo-element: pseudo-element

::first-line et ::first-letter :

```
p::first-line { letter-spacing: 9px; }
p::first-letter { font-size: 300%; color:
    orange; }
```

::first-line

In some of the country, until within a comparatively few years it was the very general belief that cabbage would not do well on upland. Accordingly the cabbage patch would be found on the lowest tillage land of the farm.

::first-letter

In some of the best cabbage-growing sections of the country, until within a comparatively few years it was the very general belief that cabbage would not do well on upland. Accordingly the cabbage patch would be found on the lowest tillage land of the farm.

```
p.warning::before {
  content:
  url(exclamation.png);
  margin-right: 6px;
}
p.warning::after {
  content: " Thank you.";
  color: red;
```

0

We are required to warn you that undercooked food is a health risk. Thank you.

2021-2022



Sélecteurs d'attribut

- Définition : cibler un élément ayant un attribut ou une valeur d'attribut spécifique
- Quelques exemples de sélecteurs d'attribut :

```
img[title] { /*élément <img> avec un attribut title */
  color: purple;
}
img[title="titrel"] { /*élément <img> avec un attribut titre qui vaut "titrel"
  */
  color: green;
}
img[title$="1"] { /*élément <img> avec un attribut title qui finit par 1 */
  font-style: italic;
}
```



Arrière-plan: background-color

- Rôle : définition de l'arrière plan
- Valeurs : couleur (nom ou numérique) | transparent
- Valeur par défaut : transparent
- Appliqué à : tous les éléments
- Exemple :

```
.cl1 { background-color: yellow}
```

Every variety of cabbage had their origin in the wild cabbage of Europe (*Brassica oleracea*)



Extension de l'arrière-plan : background-clip

- Rôle : définition de la manière d'extension de l'arrière-plan
- Valeurs : border-box | padding-box | content-box
- Valeur par défaut : border-box
- Appliqué à : tous les éléments
- Exemple:

```
border-bov

In the latitude of central New England, cabbages are not secure from injury from frost with less than a foot of earth thrown over the heads.

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background-clip: padding-box;

background-clip: content-box;
```



Transparence d'un élément : opacity

- Rôle : définition de la transparence d'un élément
- Valeurs: un nombre entre 0 et 1
- Valeur par défaut : 1
- Appliqué à : tous les éléments
- Exemple:

```
h1 {color: gold; background-color: white; opacity=0.25}
```

```
Playing with opacity

Playing with opacity

opacity: .25;

Playing with opacity

opacity: .5;
```



Image comme Arrière-plan: background-image

- Rôle: définition d'une image comme arrière-plan
- Valeurs : url(localisation de l'image) | none
- Valeur par défaut : none
- Appliqué à : tous les éléments
- Exemple:

```
body {
  background-image: url("star.png");
}
```

Cabbages and Cauliflowers:

How to Grow Them

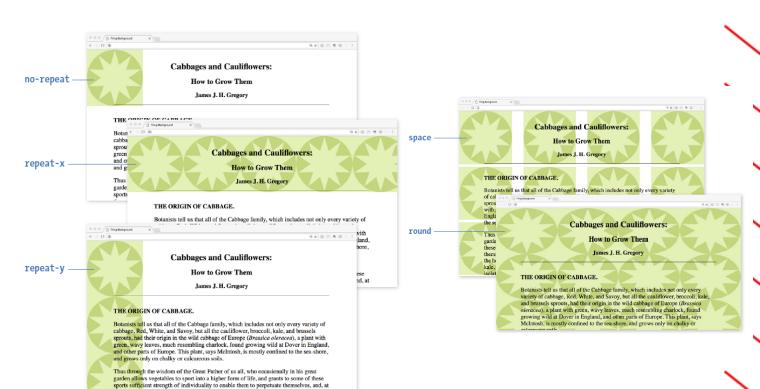
James J. H. Gregory



Répétition de l'image d'arrière-plan : background-repeat

- Rôle: définition de la manière de répétition de l'image utilisée comme arrière-plan
- Valeurs: repeat | no-repeat | repeat-x | repeat-y | space | round
- Valeur par défaut : repeat
- Appliqué à : tous les éléments
- Exemple :

```
body {
    background-image:
    url(star.png);
    background-repeat: repeat-x;
}
```





Position de l'image d'arrière-plan : background-position

- Rôle : définition de la position l'image d'arrière-plan
- Valeurs : une longueur | pourcentage | left | center | right | top | bottom
- Valeur par défaut : 0% 0% (à gauche en haut)
- Appliqué à : tous les éléments
- Exemple:

```
body {
    background-image: url(star.png);
    background-position: left bottom;
}
```

For this reason I believe that the office of the head is similar to and as necessary as that of the leaves which unwrap from around the blossom buds of our fruit trees. It is true that the parallel cannot be fully maintained, as the leaves which make up the cabbage head do not to an equal degree unfold (particularly is this true of hard heads); yet they exhibit a vitality of their own, which is seen in the deeper green color the outer leaves soon attain, and the change from tenderness to toughness in their structure.

----25%------≻

For this reason I believe that the office of the head is similar to and as necessary as that of the leaves which unwrap from around the blossom buds of our fruit trees. It is true that the parallel cannot be fully maintained, as the leaves which make up the cabbage head do not to an equal degree unfold (particularly is this true of hard heads); yet they exhibit a vitality of their own, which is seen in the deeper green color the outer leaves soon attain, and the change from tencerness to toughness in their structure.

background-position: left bottom;

background-position: 25% 100%;

25%



Origine de l'image d'arrière-plan : background-origin

- Rôle : détermination de la position d'origine l'image d'arrière-plan
- Valeurs : border-box | padding-box | content-box
- Valeur par défaut : padding-box
- Appliqué à : tous les éléments
- Exemple:

```
body {
    background-image:
    url(star.png);
    background-repeat : no-repeat;
    background-origin: border-box;
}
```

border-box

For this reason I believe that the the leaves which unwrap from parallel cannot be fully main' to an equal degree unfold (of their own, which is see change from tenderness to

padding-box

For this reason I believe that the leaves which unwrap fror parallel cannot be fully maito an equal degree unfold of their own, which is so change from tenderness

content-box

For this reason I believe that the leaves which unwrap fror parallel cannot be fully ma' to an equal degree unfold of their own, which is so change from tenderness



Position de l'image d'arrière-plan en défilant la page : background-attachement

- Rôle: détermination de la position l'image d'arrière-plan si on défile la page
- Valeurs : scroll | fixed | local
- Valeur par défaut : scroll
- Appliqué à : tous les éléments
- Exemple :

```
body {
    background-image:
    url(star.png);
    background-repeat : no-repeat;
    background-attachment: scroll;
}
```









Taille de l'image d'arrière-plan en défilant la page : backgroundsize

- Rôle : détermination de la taille de l'image d'arrière-plan
- Valeurs : longueur | pourcentage | auto | cover | contain
- Valeur par défaut : auto
- Appliqué à : tous les éléments
- Exemple:

```
body {
    background-image:
    url(image.png);
    background-size: 600px 500px;
}
```

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WHAT A CABBAGE IS.

If we get vertically through the middle of the bead, see shall find it made up of successive layers of fierces, which goes smaller and multi-rained and infinitions. Now, if we take a faint but from an apple-term and make a similar scotics of it, we shall find the same structure. If we observe the development of the two, as spring advances, we shall find mether similarity (the issour the head the clears will be the secondated)—the outer leaves of each will ministry and unfold, and a flower stim well push oul from each, Hore we see that a cabbage is a bad, a seed bad (as all find the stimule) pure, the office of the leaves being the primary object in nature, the truth crediting it playing that as sociously pure, the office of the leaves being or cover, process, and after under sounds the young need a bone.

The outer leaves which surround the head appear to have the same office as the leaves which surround the growing fruit bud, who that office closes with the firm year, is does that of the does without finite buds, when each die and drop off. In my locality the public must have perceived more or less clearly the analogy between the heads of cathogs and the bods of trees, for when they speak of small heads they frequently call them "buds." That the close wrapped leaves which make the cabbage head and surround the seed germ, strated just in the middle of the head at the termination of the stime, or meessary for its pretention and surround when young is percoved, I dain, by the fact that those carbogaes, the heads of which are must decayed, when set out for seed, no matter how sound the suel germ may be at the ord of the strang, never make so thange or healthy a reed shoot as those do the heads of which are sound; as a rule, after pushing a feeble growth, they die.

background-size: 600px 300px;

WHAT A CABBAGE IS

If we cut vertically through the middle of the head, we shall find it made up of successive layers of leaves, which gow smaller and smaller, almost ad infinitent. Now, if we take a first bod from an applicance and make a similar section of st, we stall find the same structure. If we observe the development of the two, as spring advances, we shall find unother similarity the losser the head the closer will be the resemblances)—the outer leaves of each will unour part of the control of the same stall reads the closer will pask on the meach. Here we see that a cabbage is 'bad, as seed bad (see all finit both may be terrund, the production of send being the primary education about me, the fruit enclosing is playing that a secondary port, the office of the leaves being the cover, protect, and afterwords control the young seed shoot.

The cuter bases which surround the head appear to have the same office as the leaves which surround the growing finit bod, and that office closes with the first year, as does that of the leaves amounting first bads, when each does not have been considered to the problem of the problem of the problem of the second of the close of the leads of cabbage and the bads of trees, for when they speal of small heads they frequently call them? bads. That the close surpoped leaves which make the cabbage head and surround the seed germs, stantial upon the them the dots of the head of the termination of the sturnp, are necessary for its protection and startinon when young, is proved, I think, by the fact that those cubbages, the heads of which are much decoyed, when set out for seed on ansate how sound the seed germ may be at the end of the sturnp, are make so large or healthy a seed shoot as those do the heads of which are sound; as a rich, after posting, a feeble growth they die.

WHAT A CABBAGE IS.

If we cut vertically through the middle of the head, we shall find it made up of successive layers of leaves, which goes similer and smaller, almost ad infinite all Sow, if we take a fruit bud from an upple-tree and made a similar section of it, we still find the same similar. How, if we take a fruit bud from an upple-tree and made a similar section of it, we still find the same similar to the closer will be the resorrblance)—the outer leaves of each wall unwarp age unfortily, and a flowest from will great our from each. Here we see me to calouge is a bod, a weed but (as all fluit buts may be termed, the production of seal being the primary deject in a same, the finit enclosing is playing to a secondary port, the office of the lower being the convergence, and otherwards normally the going soul shoot.

The outer leaves which surround the head appear to have the same office as the leaves which surround the growing fruit bod, and that office closes with the fact year, as does that of the leaves surrounding freils bads, when each die and despoid, in my locality the policies must have preserved more or less clearly the analysis between the heads of cabbage and the bads or trees, for when they speak of small heads they frequently call them "bads." That the close wayped leaves which make the catabage head and surround the sood general, instant of jets in the middle of the head at the reministion of the summ, are accessing for its protection and nutrition when young, is proved, I think, by the fact that those catabages, the beads of which are much desayed, when set out for seed, no muster how sound the seed germ may be at the got of the studge, reseer make we large or healthy a seed should as facilies that the sound in a small charge more make we large or healthy a seed should as facilies that the sound is a middle problem; a footle growth, they then

background-size: 50% 10em;

WHAT A CABBAGE IS.

If we can write ally through the modelle of the head, we shall find it made up of accessive layers of increase, which grow smaller and smaller, almost ad infinition. Now, if we take a first bod from an apple-tone and make a similar section of it, we shall find the same structure. If we observe the development of the two, as pring advances, we shall find unchare similarity (the logser the head the closer will be the resemblance).—the nature layers of each will unswap and sufficially and a flower strength principal cost from each. Here we ce that a calculate a floud, so only this fail is sufficient to the control of the control of

The other leaves which surround the head appear to have the same office as the leaves which surround the growing full bod, and that office alones with the first year, as does shut of the saves surrounding fait bids, when each die and drop off. In my locality the public must have perceived more or less clearly the analogy between the beads of cabbage and the bads of trees, for when they speak of small beads the frequently call flear. Yeads, That close wrapped leaves which make the cabbage head and surround the sood perm, shared just in the middle of the head at the termination of the sturn, are recessary for its protection and naturation when young, is proved. It think, by the fact that these carbages, the heads of which are much decayed, when set our for seed, no matter how sound the seed germing be at the end of the sturn, never make so large or healthy a seed short as those do the heads of which are sound; as a role, after pushing a foelow growth, they are

background-size: cover; background-size: contain;

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Utilisations de plusieurs images d'arrière-plan

Exemple:

```
body {
background-image: url(image1.png), url(image2.png),
url(image3.png);
background-position: left top, center center, right bottom;
background-repeat: no-repeat, no-repeat;
body {
background:
url(image1.png) left top no-repeat,
url(image2.png) center center no-repeat,
url(image3.png) right bottom no-repeat;
```

