Rich dynamic design with modern CSS

By Chen Hui Jing / @hj_chen
Surname: 陈
First name: 慧晶
Chen Hui Jing

@hj_chen
No layout  HTML Tables  CSS Floats  Frameworks  Grid and beyond
The world is more connected than ever before, resulting in an economic and social environment that is increasingly volatile and uncertain. Innovation has become a necessity in this new environment.

We believe that innovation is simply a process to avoid being left behind in the market, and the most important thing for organizations is to maximize the value of their innovation processes. Deep Lake has proven expertise in helping organizations develop their own competitive edge through the adoption of cutting-edge technologies.

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Typesetting the web

CSS to do typography

CSS to do layout
Font feature properties

font-kerning

No kerning

Kerning applied

font-variant-position

C H N O P
10 16 5 13 3

font-variant-position-ligatures

fi > fi
tz > 

WORDS > WORDS
labor of love > labor of love

font-variant-numeric

1st 17th 2a
2 1/3 2 1/3
2 1/3 2 1/3

Lining Old-Style
409,280 409,280
367,112 367,112
155,068 155,068
171,792 171,792

font-variant-caps

1st 17th 2a
2 1/3 2 1/3
2 1/3 2 1/3

The DOM, the HTML syntax, and the XHTML syntax cannot all represent the same content. For example, namespaces cannot be represented using the HTML syntax, but they are supported in the DOM and in the XHTML syntax.

font-variant-alternates

Jesuits Jefuits
quick quick Quick Quick
incroyable incroyables

519 519 519 519
麹町 ▶ 麹町
大学 ▶ 大学
欧文フォント ▶ 欧文フォント
一个简体字可能对应多个繁体字，如简体字「发」，其相应的繁体字可能为「發」或「髮」；一个繁体汉字对应多个简体汉字的情况与前者相比数量极少但仍需注意，如繁体字「乾」可能对应简体字「干」或「乾」。繁简汉字的对应关系具体应由上下文决定。
Variable fonts

Image credit: John Hudson
濃愁 小猶豫
小時候的煩惱很清澈，長大的煩惱卻很混濁。
如果以湯頭比喻煩惱這件事，
小時候的像是昆布鰤魚湯，滾燙的血騷動著整鍋的情緒，
但一眼就看出端倪來，
長大了莫名就變成南瓜牛奶湯，
就算再煮下去，
也只是，唉，越來越「濃愁」。

https://www.axis-praxis.org/
CSS shapes: Basic shapes

Lollipop marshmallow lemon drops jujubes muffin fruitcake bonbon. Muffin carrot cake bear claw sweet roll tiramisu chocolate jelly beans toffee sweet roll. Biscuit candy sweet sweet powder tart bear claw. Tiramisu jelly beans apple pie donut topping dessert lemon drops gummies halvah.


Gummi bears apple pie chupa chups jelly pie halvah pastry sweet. Cookie dessert sweet roll icing cheesecake macaroon wafer cheesecake. Toffee lemon drops apple pie fruitcake sweet roll chocolate cake jelly bear claw jelly. Donut tiramisu chocolate cake sesame snaps marshmallow tootsie roll candy canes cheesecake cotton candy.
CSS Shapes: Shape from image

Beyoncé Giselle Knowles-Carter is an American singer, songwriter, dancer and actress. Born and raised in Houston, Texas, Beyoncé performed in various singing and dancing competitions as a child. She rose to fame in the late 1990s as lead singer of the R&B girl-group Destiny’s Child.
Alice was beginning to get very tired of sitting by her sister on the bank, and of having nothing to do: once or twice she had peeped into the book her sister was reading, but it had no pictures or conversations in it, ‘and what is the use of a book,’ thought Alice ‘without pictures or conversation?’

So she was considering in her own mind whether the pleasure of making a daisy-chain would be worth the trouble of getting up and picking the daisies, when
Support for writing-mode

Aug 2001
Dec 2010
Jul 2011
Jul 2013
Jul 2015
Sep 2015
**writing-mode property**

<table>
<thead>
<tr>
<th></th>
<th>从1987到现在</th>
</tr>
</thead>
<tbody>
<tr>
<td>horizontal-tb</td>
<td>从1987到现在</td>
</tr>
<tr>
<td>vertical-rl</td>
<td>从1987到现在</td>
</tr>
<tr>
<td>vertical-lr</td>
<td>从1987到现在</td>
</tr>
<tr>
<td>sideways-rl*</td>
<td>从1987到现在</td>
</tr>
<tr>
<td>sideways-lr*</td>
<td>从1987到现在</td>
</tr>
</tbody>
</table>

Properties marked with * have been deferred to Writing Modes Level 4.
text-orientation property

从1987到现在

mixed

从1987到现在

upright

从1987到现在

sideways
text-compose-upright property

none

all
digits <integer>*
Cuba

Estonia
陈嘉明

陈嘉明在比赛中表现非常出色。他在下半场连得10分，成为了比赛的关键人物。他的投篮命中率高达70%，尤其是三分球的命中率更是达到了80%。

张力

张力在防守端表现也非常出色。他在比赛中多次断球，成功切断了对方的进攻路线。他的盖帽也起到了关键作用，成功阻挡了对方的得分。

比赛结果

最终，中国队以88比76战胜了对手，取得了比赛的胜利。
CSS logical properties

Ultimately it is the magic of shadows. Were the shadows to be banished from its corners, the alcove would in that instant revert to mere void.

A phosphorescent jewel gives off its glow and color in the dark and loses its beauty in the light of day. Were it not for shadows, there would be no beauty.
Flex directions

<table>
<thead>
<tr>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>9</th>
<th>10</th>
</tr>
</thead>
<tbody>
<tr>
<td>11</td>
<td>12</td>
<td>13</td>
<td>14</td>
<td>15</td>
<td>16</td>
<td>17</td>
<td>18</td>
<td>19</td>
<td>20</td>
</tr>
</tbody>
</table>

```css
.directions .wrapper {
  display: flex;
  flex-wrap: wrap;
  writing-mode: horizontal-tb;
  flex-direction: row;
}

.directions .box {
  height: 6em;
  width: 6em;
  border: 1px solid;
}
```
CSS grid for ease of placement

Define your grid.

Place items in the grid.
Overlap elements

The Orange Issue
Vertical spacing

Contents

- Red dawn
- The satellite moon
- Urban mist

- Muses of silver
- Fights of fancy
- Falling into grace

- Finder's losers
- A jewel in crime
Leveraging media queries

Level 3
- width
- height
- orientation
- aspect-ratio
- resolution
- scan
- grid
- color
- color-index
- monochrome
- device-width*
- device-height*
- device-aspect-ratio*

Level 4
- update
- overflow-block
- overflow-inline
- color-gamut
- pointer
- hover
- any-pointer
- any-hover

Level 5
- light-level
- environment-blending
- scripting
- inverted-colors
- prefers-reduced-motion
- prefers-reduced-transparency
- prefers-contrast
- prefers-color-scheme
Responsive images

```html
<picture>
  <source media="(min-width: 960px)" srcset="ticker-tape-large.jpg">
  <source media="(min-width: 575px)" srcset="ticker-tape-medium.jpg">
  <img src="ticker-tape-small.jpg" alt="USWNT ticker-tape parade">
</picture>
```
This is a website dedicated to Penang Hokkien, the language of my hometown. I talk about the inspiration for the content of this site in the **inaugural story post**. But I am also a web developer, and so this site also serves as my CSS playground for experimenting with the concept of mixed writing-modes. If that sentence made sense to you, [technical details here](https://penang-hokkien.gitlab.io).
Braun HiFi
Steuergerät
audio 300

In der modernen Aufnahmetechnik
ist keine Mühe zu groß, kein
Aufwand zu kostspielig, um auch
allerletzte Feinheiten einer
Interpretation zu erhalten.

Demgegenüber gibt es aber nur
wenige HiFi Geräte, die es
fertigbringen, den ganzen
Nuancenreichum wieder vollends
hörbar zu machen.

Ein Gerät mit diesen Fähigkeiten ist
das neue "audio 300", eine
Kompaktanlage mit ungewöhnlicher
technischer Ausrüstung und einem
formalen Konzept, das Braun
höchste internationale
Auszeichnungen eintrug.

https://codepen.io/huijing/pen/xPEjWb
Tycho is an American ambient music project led by Scott Hansen as primary composer, songwriter and producer. Hailing from San Francisco, California, he is known as ISO50 for his photographic and design works. His music is a combination of downtempo vintage-style synthesizers and ambient melodies.

10.2.2010 TORONTO
THE DRAKE HOTEL

https://codepen.io/huijing/pen/QQGBjY
Thank you!

https://www.chenhuijing.com

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@hj_chen

@huijing

Font used is Magnetic Pro, by MoTyFo