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| --- | --- | --- | --- | --- |
| **居中方式** | **子元素定宽高** | | **子元素不定宽高** | |
| **水平** | **margin法** | .child {  display : block;  margin :0 auto;  } | **transform : translate()** | .child {  position : absolute;  left : 50%;  -webkit-transform: translate(-50%,0); -ms-transform: translate(-50%,0); -o-transform: translate(-50%,0); transform: translate(-50%,0);  } |
| **定位法** | .child {  position : absolute;  left : 50%;  margin-left : -\*\*px;  } | **行内元素** | text-align: center |
| **垂直** | **定位法** | .child {  position : absolute;  top : 50%;  margin-top : -\*\*px;  } | **transform : translate()** | .child {  position : absolute;  top : 50%;  -webkit-transform: translate(0, -50%); -ms-transform: translate(0, -50%); -o-transform: translate(0, -50%); transform: translate(0, -50%);  } |
| **css3中的clac()** | .child {  position: absolute;  top: calc(50% - \*\*px);  } | **行内元素：单行，高度是固定不变** | .parent { height : 400px; }  .child {line-height : 400px; } |
| **水平垂直** | **Absolute + 负margin** | .parent { position: relative; }  .child {  position: absolute;  top: 50%;  left: 50%;  margin-left: -50px;  margin-top: -50px;  } | **absolute + transform** | .parent { position: relative; }  .child {  position: absolute;  top: 50%;  left: 50%;  transform: translate(-50%, -50%);  } |
| **Absolute + margin auto** | .parent{ position: relative; }  .child{  position: absolute;  to  bottom: 0;  margin: auto;  } | **lineheight** | .parent{  line-height: 300px;  text-align: center;  font-size: 0px;  }  .child{  font-size: 16px;  display: inline-block;  vertical-align: middle;  line-height: initial;  text-align: left; /\* 修正文字 \*/  } |
| **absolute + calc** | .parent{position: relative;}  .child{  position: absolute;;  top: calc(50% - height/2 px);  left: calc(50% - width/2 px);  } | **css-table** | .parent {  display: table-cell;  text-align: center;  vertical-align: middle;  }  .child {display: inline-block;} |
|  |  |  | **flex** | .parent {  display: flex;  justify-content: center;  align-items: center;  } |
|  |  |  | **grid** | .parent {display: grid;}  .child {  align-self: center;  justify-self: center;  } |