1. 动态改变html文字大小，计算rem  
   var dpr, rem, scale;

var docEl = document.documentElement;

var fontEl = document.createElement('style');

var metaEl = document.querySelector('meta[name="viewport"]');

dpr = window.devicePixelRatio || 1;

rem = docEl.clientWidth \* dpr / 10;

scale = 1 / dpr;

// 设置viewport，进行缩放，达到高清效果

metaEl.setAttribute('content', 'width=' + dpr \* docEl.clientWidth + ',initial-scale=' + scale + ',maximum-scale=' + scale + ', minimum-scale=' + scale + ',user-scalable=no');

// 设置data-dpr属性，留作的css hack之用

docEl.setAttribute('data-dpr', dpr);

// 动态写入样式

docEl.firstElementChild.appendChild(fontEl);

fontEl.innerHTML = 'html{font-size:' + rem + 'px!important;}';

// 给js调用的，某一dpr下rem和px之间的转换函数

window.rem2px = function(v) {

v = parseFloat(v);

return v \* rem;

};

window.px2rem = function(v) {

v = parseFloat(v);

return v / rem;

};

window.dpr = dpr;

window.rem = rem;

1. flex 布局

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flex：定义布局为盒模型

flex-v：盒模型垂直布局

flex-1：子元素占据剩余的空间

flex-align-center：子元素垂直居中

flex-pack-center：子元素水平居中

flex-pack-justify：子元素两端对齐

兼容性：ios 4+、android 2.3+、winphone8+

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.flex{display:-webkit-box;display:-webkit-flex;display:-ms-flexbox;display:flex;}

.flex-v{-webkit-box-orient:vertical;-webkit-flex-direction:column;-ms-flex-direction:column;flex-direction:column;}

.flex-1{-webkit-box-flex:1;-webkit-flex:1;-ms-flex:1;flex:1;}

.flex-align-center{-webkit-box-align:center;-webkit-align-items:center;-ms-flex-align:center;align-items:center;}

.flex-pack-center{-webkit-box-pack:center;-webkit-justify-content:center;-ms-flex-pack:center;justify-content:center;}

.flex-pack-justify{-webkit-box-pack:justify;-webkit-justify-content:space-between;-ms-flex-pack:justify;justify-content:space-between;}