

Converting Colors

RGB(208, 235, 226)

Have a look what the booklet for
RGB(208, 235, 226) contains.

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Color

RGB(208, 235, 226)

Conversions

Conversions Part 1

Format	Color
Hex	D0EBE2
RGB	208, 235, 226
RGB Percent	82%, 92%, 89%
CMY	0.1843, 0.0784, 0.1137
CMYK	0.11, 0.00, 0.04, 0.08
HSL	160°, 40%, 87%
HSV	160°, 11%, 92%
XYZ	69.4482, 78.3175, 83.4080
YIQ	225.9010, -13.2030, -8.5230

Conversions

Conversions Part 2

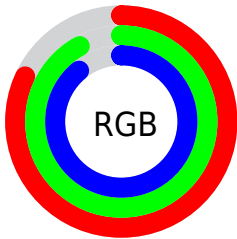
Format	Color
R _Y B	208, 224, 235
Decimal	13691874
CIE Lab	90.92, -10.54, 1.35
CIE LCh	91, 10.625, 172.673
Yxy	78.3175, 0.3004, 0.3388
Android (android.graphics.Color)	4291881954 (0xFFD0EBE2)
YUV	225.9010, 0.0488, -15.6992
Hunter-Lab	88.4972, -14.7921, 6.0676

Details

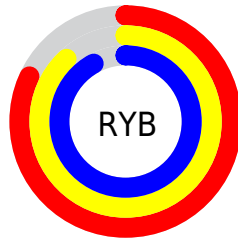
The RGB color **208, 235, 226** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **235, 208, 217**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is 255, 255, 255, and **153, 179, 171** is the 20% darker color. If you saturate the color by 10%, you get **185, 235, 218**, and if you desaturate by 10%, it is **232, 235, 234**.

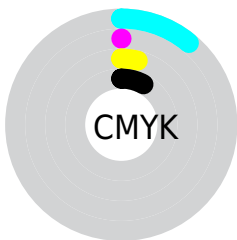
Distribution



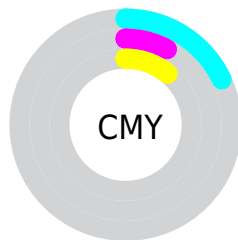
- Red (82%)
- Green (92%)
- Blue (89%)



- Red (82%)
- Yellow (88%)
- Blue (92%)



- Cyan (11%)
- Magenta (0%)
- Yellow (4%)
- Black (8%)



- Cyan (18%)
- Magenta (8%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 208, 235, 226 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 208, 235, 226 by changing the saturation by 10% instead.

■ 208, 235, 226

255, 255, 255

■ 208, 235, 226

■ 180, 207, 198

■ 153, 179, 171

■ 127, 152, 144

■ 102, 127, 119

■ 78, 101, 94

■ 55, 77, 70

■ 33, 55, 48

■ 12, 33, 27

■ 0, 6, 0

 208, 235, 226

 208, 235, 226

 185, 235, 218

 232, 235, 234

 161, 235, 210

 255, 235, 242

 138, 235, 203

 255, 235, 250

 114, 235, 195

 255, 235, 255

 91, 235, 187

 67, 235, 179

 44, 235, 171

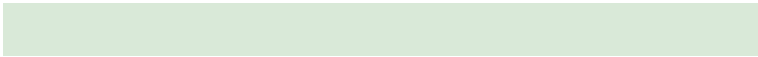
 20, 235, 163

 0, 235, 157

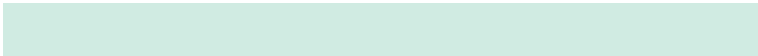
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



217, 233, 216



208, 235, 226



204, 235, 236

Triad

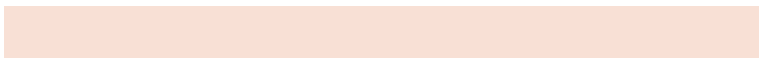
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



208, 235, 226



228, 227, 248



248, 224, 213

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



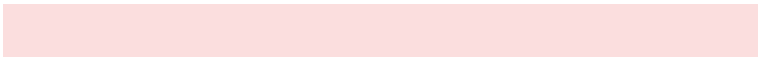
208, 235, 226



235, 208, 217

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



251, 222, 222



208, 235, 226



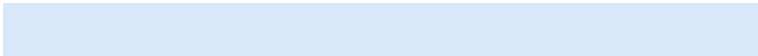
240, 224, 241

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



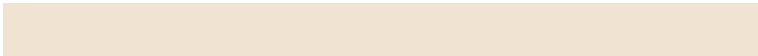
208, 235, 226



216, 231, 249



249, 222, 232



240, 227, 209

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



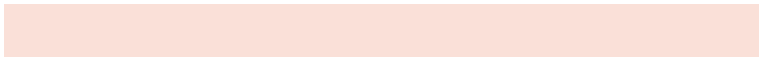
208, 235, 226



205, 234, 242



249, 222, 232



250, 224, 216

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



208, 235, 226



247, 255, 252



217, 235, 208



122, 128, 126



0, 0, 0



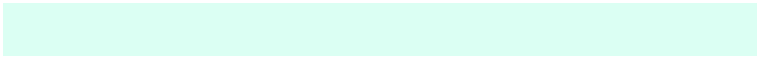
128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



208, 235, 226



219, 255, 243



208, 230, 235



106, 117, 113



0, 181, 121



0, 54, 36

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



235, 208, 217



255, 219, 231



235, 212, 208



117, 106, 109



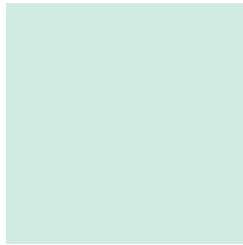
181, 0, 60



54, 0, 18

Previews

White Background



This preview shows how the RGB color 208, 235, 226 looks on a white background.

Color Contrast Check

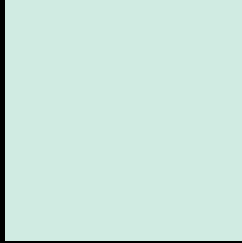
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 208, 235, 226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

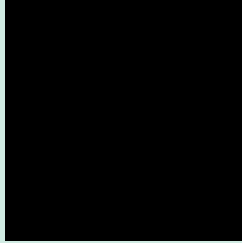
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

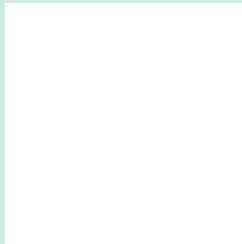
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 208, 235, 226 Background



This preview shows how black text looks on a background with the RGB color 208, 235, 226.



This preview shows how white text looks on a background with the RGB color 208, 235, 226.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

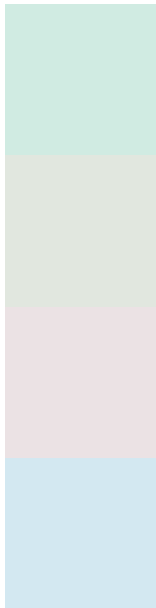
Dichromacy





Tritanopia
212, 231, 250

Trichromacy



Original Color

208, 235, 226

Protanomaly

225, 231, 223

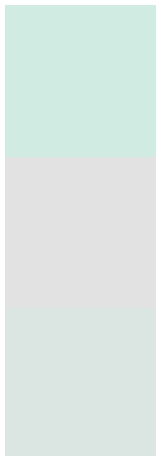
Deuteranomaly

235, 226, 228

Tritanomaly

211, 232, 241

Monochromacy



Original Color

208, 235, 226

Achromatopsia

226, 226, 226

Achromatomaly

219, 229, 226

CSS Examples

Text

The CSS property to change the color of the text to RGB 208, 235, 226 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(208, 235, 226)` looks like.

```
.text, #text, p{  
    color:rgb(208, 235, 226)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(208, 235, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 235, 226) }
```

Border

The CSS property to change the border of an element to RGB 208, 235, 226 is called "border". The border property can be set on classes, ids or directly on the HTML element.

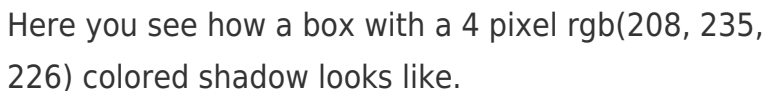
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(208, 235, 226) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(208, 235, 226) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(208, 235, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(208, 235, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(208, 235, 226); box-shadow:4px 4px 4px 4px rgb(208, 235, 226) }
```

Background

The CSS property to change the background color of an element to RGB 208, 235, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 235, 226) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(208,  
235, 226) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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