

Converting Colors

RGB(209, 236, 225)

Have a look what the booklet for
RGB(209, 236, 225) contains.

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Color

RGB(209, 236, 225)

Conversions

Conversions Part 1

Format	Color
Hex	D1ECE1
RGB	209, 236, 225
RGB Percent	82%, 93%, 88%
CMY	0.1804, 0.0745, 0.1176
CMYK	0.11, 0.00, 0.05, 0.07
HSL	156°, 42%, 87%
HSV	156°, 11%, 93%
XYZ	69.8806, 78.9825, 82.7962
YIQ	226.6730, -12.5610, -9.1450

Conversions

Conversions Part 2

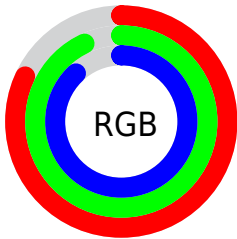
Format	Color
RYB	209, 226, 236
Decimal	13757665
CIELab	91.23, -10.91, 2.32
CIELCh	91, 11.151, 167.972
Yxy	78.9825, 0.3017, 0.3409
Android (android.graphics.Color)	4291947745 (0xFFD1ECE1)
YUV	226.6730, -0.8248, -15.4992
Hunter-Lab	88.8721, -15.1707, 6.9739

Details

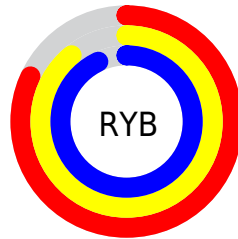
The RGB color **209, 236, 225** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **236, 209, 220**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is **255, 255, 255**, and **154, 180, 170** is the 20% darker color. If you saturate the color by 10%, you get **185, 236, 215**, and if you desaturate by 10%, it is **233, 236, 235**.

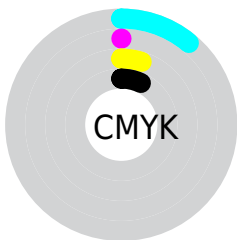
Distribution



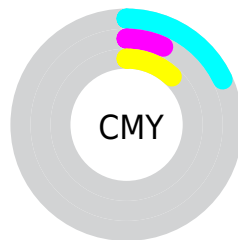
- Red (82%)
- Green (93%)
- Blue (88%)



- Red (82%)
- Yellow (89%)
- Blue (93%)



- Cyan (11%)
- Magenta (0%)
- Yellow (5%)
- Black (7%)



- Cyan (18%)
- Magenta (7%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RGB color 209, 236, 225 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 209, 236, 225 by changing the saturation by 10% instead.

■ 209, 236, 225

255, 255, 255

■ 209, 236, 225

■ 181, 208, 197

■ 154, 180, 170

■ 128, 153, 143

■ 103, 127, 118

■ 79, 102, 93

■ 56, 78, 70

■ 33, 55, 47

■ 12, 34, 27

■ 0, 8, 0

 209, 236, 225

 209, 236, 225

 185, 236, 215

 233, 236, 235

 162, 236, 206

 255, 236, 244

 138, 236, 196

 255, 236, 254

 115, 236, 187

 255, 236, 255

 91, 236, 177

 67, 236, 167

 44, 236, 158

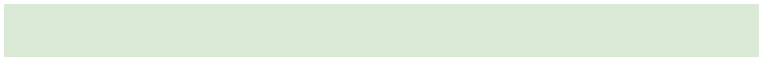
 20, 236, 148

 0, 236, 140

Harmonies

Analogous

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



219, 234, 215



209, 236, 225



204, 236, 236

Triad

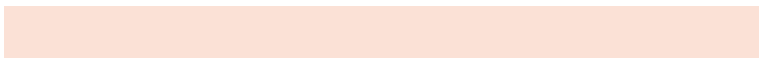
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



209, 236, 225



227, 229, 250



251, 225, 214

Complementary

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



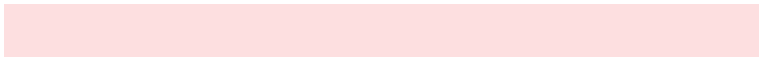
209, 236, 225



236, 209, 220

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.



253, 223, 224



209, 236, 225



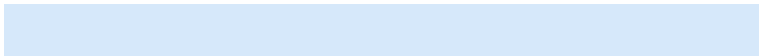
240, 225, 244

Square

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



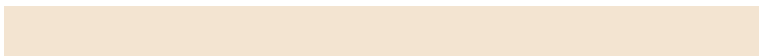
209, 236, 225



214, 232, 250



249, 223, 235



243, 228, 209

Rectangle

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



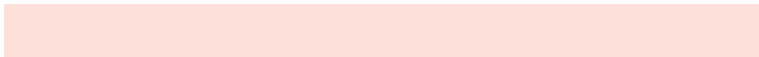
209, 236, 225



204, 235, 243



249, 223, 235



252, 224, 217

Sweetspot

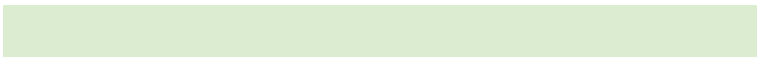
The Sweet Spot groups the original color and five complimentary colors.



209, 236, 225



247, 255, 252



220, 236, 209



122, 128, 125



0, 0, 0



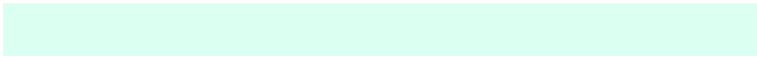
128, 128, 128

Same Dimension

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



209, 236, 225



219, 255, 240



209, 234, 236



106, 117, 113



0, 181, 107



0, 54, 32

Inverse Universe

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



236, 209, 220



255, 219, 234



236, 211, 209



117, 106, 110



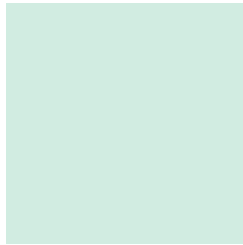
181, 0, 74



54, 0, 22

Previews

White Background



This preview shows how the RGB color 209, 236, 225 looks on a white background.

Color Contrast Check

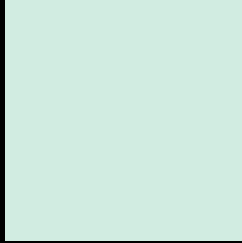
Large Text (above 18pt) WCAG AA × Fail

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 209, 236, 225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

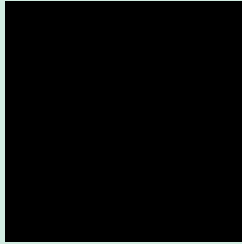
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

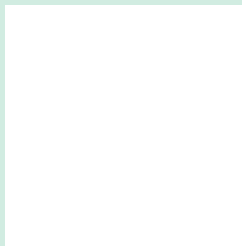
Any Text WCAG AAA ✓ Pass

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

RGB 209, 236, 225 Background



This preview shows how black text looks on a background with the RGB color 209, 236, 225.



This preview shows how white text looks on a background with the RGB color 209, 236, 225.

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](#).

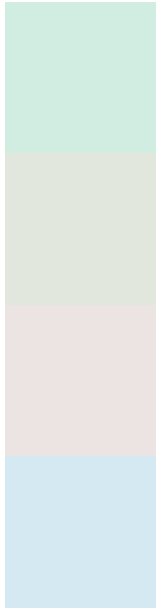
Dichromacy





Tritanopia
213, 232, 251

Trichromacy



Original Color
209, 236, 225

Protanomaly
226, 231, 222

Deuteranomaly
236, 227, 227

Tritanomaly
212, 233, 242

Monochromacy



Original Color
209, 236, 225

Achromatopsia
227, 227, 227

Achromatomaly
220, 230, 226

CSS Examples

Text

The CSS property to change the color of the text to RGB 209, 236, 225 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(209, 236, 225)` looks like.

```
.text, #text, p{  
    color:rgb(209, 236, 225)  
}
```

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(209, 236, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 236, 225) }
```

Border

The CSS property to change the border of an element to RGB 209, 236, 225 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(209, 236, 225) }
```

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

```
.border{ border-color:rgb(209, 236, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 236, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 236, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 236, 225);  
box-shadow:4px 4px 4px 4px rgb(209, 236,  
225) }
```

Background

The CSS property to change the background color of an element to RGB 209, 236, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 236, 225) }
```

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

```
.background{ background-color: rgb(209,  
236, 225) }
```

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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