

Converting Colors

RGB(209, 246, 226)

Have a look what the booklet for
RGB(209, 246, 226) contains.

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Color

RGB(209, 246, 226)

Conversions

Conversions Part 1

Format	Color
Hex	D1F6E2
RGB	209, 246, 226
RGB Percent	82%, 96%, 89%
CMY	0.1804, 0.0353, 0.1137
CMYK	0.15, 0.00, 0.08, 0.04
HSL	148°, 67%, 89%
HSV	148°, 15%, 96%
XYZ	72.9777, 84.9578, 84.5037
YIQ	232.6570, -15.6320, -14.0640

Conversions

Conversions Part 2

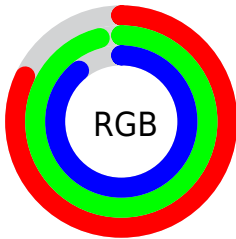
Format	Color
R _Y B	209, 234, 246
Decimal	13760226
CIE Lab	93.86, -15.71, 5.63
CIE LCh	94, 16.686, 160.293
Yxy	84.9578, 0.3010, 0.3504
Android (android.graphics.Color)	4291950306 (0xFFD1F6E2)
YUV	232.6570, -3.2819, -20.7472
Hunter-Lab	92.1726, -19.9744, 10.1638

Details

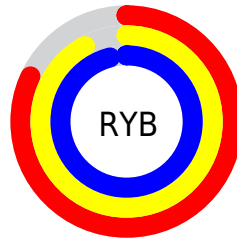
The RGB color **209, 246, 226** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **246, 209, 229**, and the grayscale version is **233, 233, 233**.

A 20% lighter version of the original color is **255, 255, 255**, and **154, 190, 171** is the 20% darker color. If you saturate the color by 10%, you get **184, 246, 213**, and if you desaturate by 10%, it is **234, 246, 239**.

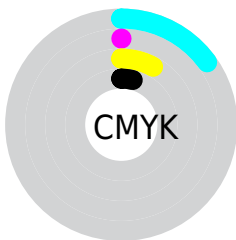
Distribution



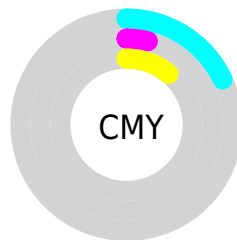
- Red (82%)
- Green (96%)
- Blue (89%)



- Red (82%)
- Yellow (92%)
- Blue (96%)



- Cyan (15%)
- Magenta (0%)
- Yellow (8%)
- Black (4%)



- Cyan (18%)
- Magenta (4%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 209, 246, 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 209, 246, 226 by changing the saturation by 10% instead.

209, 246, 226

255, 255, 255

209, 246, 226

181, 217, 198

154, 190, 171

128, 163, 144

103, 136, 119

78, 111, 94

54, 86, 70

32, 63, 48

9, 41, 27

0, 22, 0

 209, 246, 226

 209, 246, 226

 184, 246, 213

 234, 246, 239

 160, 246, 199

 255, 246, 253

 135, 246, 186

 255, 246, 255

 111, 246, 173

 86, 246, 160

 61, 246, 146

 37, 246, 133

 12, 246, 120

 0, 246, 113

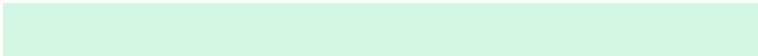
Harmonies

Analogous

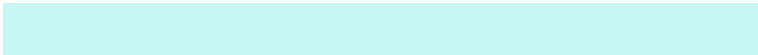
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



226, 243, 213



209, 246, 226



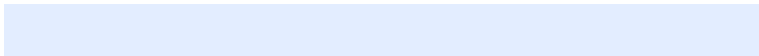
198, 247, 242

Triad

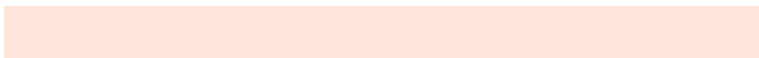
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



209, 246, 226



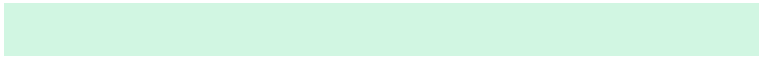
227, 237, 255



255, 228, 217

Complementary

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



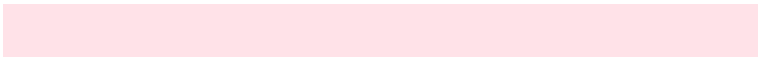
209, 246, 226



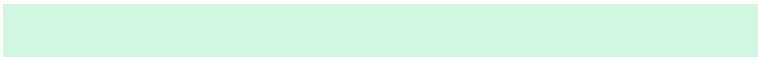
246, 209, 229

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.



255, 226, 232



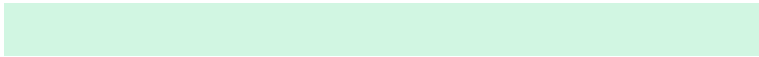
209, 246, 226



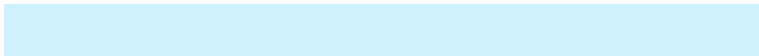
247, 232, 255

Square

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



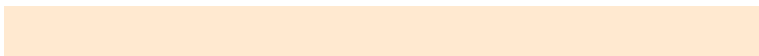
209, 246, 226



208, 242, 255



255, 228, 249



255, 233, 208

Rectangle

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



209, 246, 226



196, 246, 253



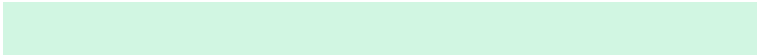
255, 228, 249



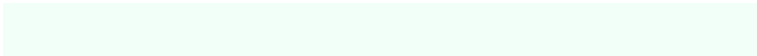
255, 227, 222

Sweetspot

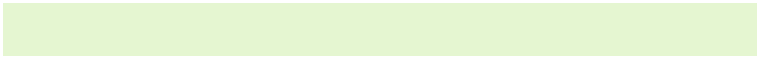
The Sweet Spot groups the original color and five complimentary colors.



209, 246, 226



242, 255, 248



229, 246, 209



120, 128, 123



0, 0, 0



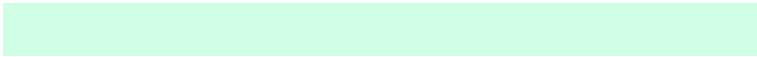
128, 128, 128

Same Dimension

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



209, 246, 226



209, 255, 230



209, 246, 244



110, 122, 116



0, 186, 86



0, 59, 27

Inverse Universe

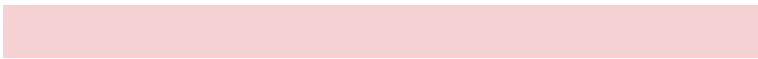
The Inverse Universe completely reimagines the original color for something new.



246, 209, 229



255, 209, 234



246, 209, 211



122, 110, 117



186, 0, 101



59, 0, 32

Previews

White Background



This preview shows how the RGB color 209, 246, 226 looks on a white background.

Color Contrast Check

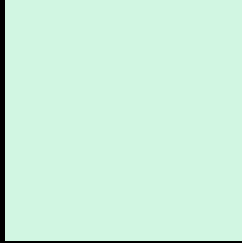
Large Text (above 18pt) WCAG AA × Fail

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 209, 246, 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

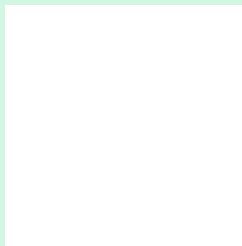
Any Text WCAG AAA ✓ Pass

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

RGB 209, 246, 226 Background



This preview shows how black text looks on a background with the RGB color 209, 246, 226.

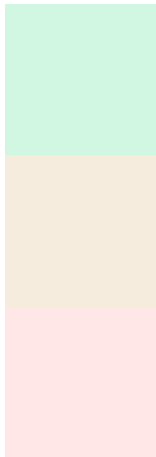


This preview shows how white text looks on a background with the RGB color 209, 246, 226.

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



Original Color
209, 246, 226

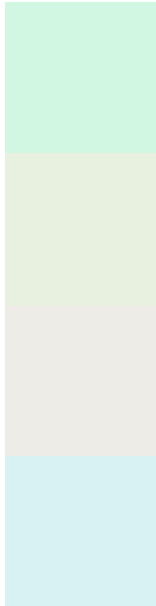
Protanopia
245, 236, 221

Deuteranopia
255, 231, 232



Tritanopia
220, 240, 255

Trichromacy



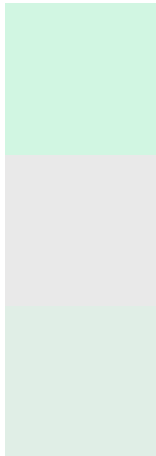
Original Color
209, 246, 226

Protanomaly
232, 240, 223

Deuteranomaly
238, 236, 230

Tritanomaly
216, 242, 244

Monochromacy



Original Color
209, 246, 226

Achromatopsia
233, 233, 233

Achromatomaly
224, 238, 230

CSS Examples

Text

The CSS property to change the color of the text to RGB 209, 246, 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(209, 246, 226)` looks like.

```
.text, #text, p{  
    color:rgb(209, 246, 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(209, 246, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 246, 226) }
```

Border

The CSS property to change the border of an element to RGB 209, 246, 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(209, 246, 226) }
```

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

```
.border{ border-color:rgb(209, 246, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 246, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 246, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 246, 226);  
box-shadow:4px 4px 4px 4px rgb(209, 246,  
226) }
```

Background

The CSS property to change the background color of an element to RGB 209, 246, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 246, 226) }
```

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

```
.background{ background-color: rgb(209,  
246, 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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