

Converting Colors

RGB(209, 238, 214)

Have a look what the booklet for
RGB(209, 238, 214) contains.

RGB(209, 238, 214)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(209, 238, 214)

Conversions

Conversions Part 1

Format	Color
Hex	D1EED6
RGB	209, 238, 214
RGB Percent	82%, 93%, 84%
CMY	0.1804, 0.0667, 0.1608
CMYK	0.12, 0.00, 0.10, 0.07
HSL	130°, 46%, 88%
HSV	130°, 12%, 93%
XYZ	69.0066, 79.5594, 75.3378
YIQ	226.5930, -9.5800, -13.6120

Conversions

Conversions Part 2

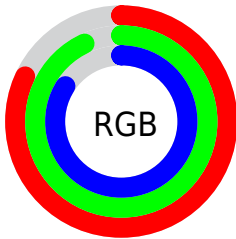
Format	Color
RYB	209, 234, 238
Decimal	13758166
CIELab	91.49, -13.92, 8.43
CIELCh	91, 16.271, 148.804
Yxy	79.5594, 0.3082, 0.3553
Android (android.graphics.Color)	4291948246 (0xFFD1EED6)
YUV	226.5930, -6.2083, -15.4291
Hunter-Lab	89.1961, -17.9965, 12.3591

Details

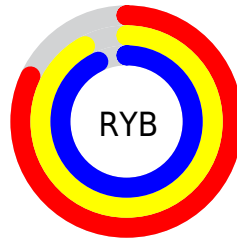
The RGB color **209, 238, 214** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **238, 209, 233**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is **255, 255, 255**, and **154, 182, 159** is the 20% darker color. If you saturate the color by 10%, you get **185, 238, 194**, and if you desaturate by 10%, it is **233, 238, 234**.

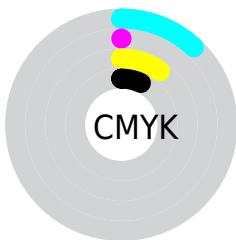
Distribution



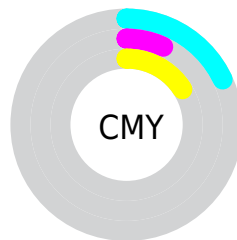
- Red (82%)
- Green (93%)
- Blue (84%)



- Red (82%)
- Yellow (92%)
- Blue (93%)



- Cyan (12%)
- Magenta (0%)
- Yellow (10%)
- Black (7%)



- Cyan (18%)
- Magenta (7%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 209, 238, 214 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, 238, 214 by changing the saturation by 10% instead.

■ 209, 238, 214

255, 255, 255

■ 209, 238, 214

■ 181, 210, 186

■ 154, 182, 159

■ 128, 155, 133

■ 103, 129, 108

■ 79, 104, 84

■ 55, 80, 61

■ 33, 57, 39

■ 12, 35, 18

■ 0, 10, 0

 209, 238, 214

 209, 238, 214

 185, 238, 194

 233, 238, 234

 161, 238, 175

 255, 238, 253

 138, 238, 155

 255, 238, 255

 114, 238, 135

 90, 238, 116

 66, 238, 96

 42, 238, 76

 19, 238, 56

 0, 238, 41

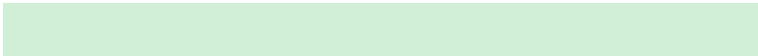
Harmonies

Analogous

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



227, 234, 203



209, 238, 214



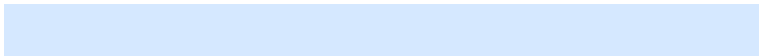
195, 240, 229

Triad

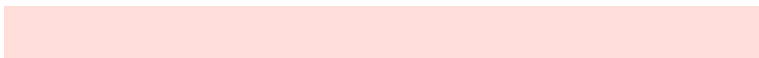
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



209, 238, 214



213, 232, 255



255, 221, 216

Complementary

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



209, 238, 214



238, 209, 233

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, 220, 232



209, 238, 214



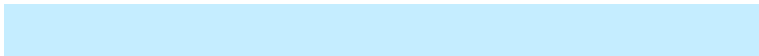
233, 227, 255

Square

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



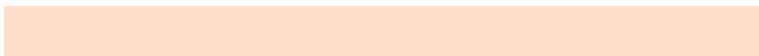
209, 238, 214



197, 237, 255



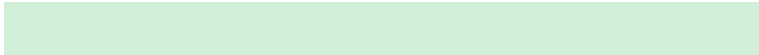
251, 222, 247



255, 224, 204

Rectangle

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



209, 238, 214



191, 240, 240



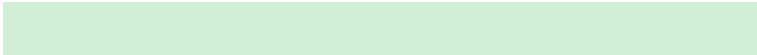
251, 222, 247



255, 220, 221

Sweetspot

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



209, 238, 214



245, 255, 247



233, 238, 209



121, 128, 122



0, 0, 0



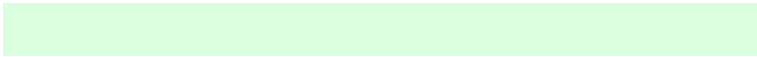
128, 128, 128

Same Dimension

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



209, 238, 214



217, 255, 223



209, 238, 228



108, 120, 110



0, 184, 32



0, 56, 10

Inverse Universe

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



238, 209, 233



255, 217, 248



238, 209, 219



120, 108, 118



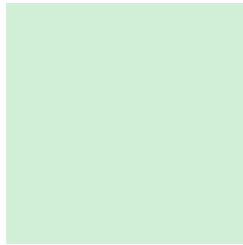
184, 0, 152



56, 0, 46

Previews

White Background



This preview shows how the RGB color 209, 238, 214 looks on a white background.

Color Contrast Check

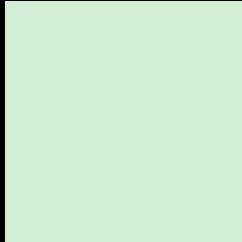
Large Text (above 18pt) WCAG AA × Fail

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, 238, 214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

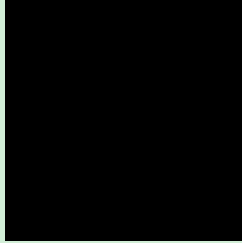
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

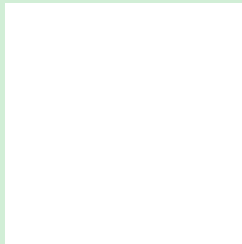
Any Text WCAG AAA ✓ Pass

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

RGB 209, 238, 214 Background



This preview shows how black text looks on a background with the RGB color 209, 238, 214.



This preview shows how white text looks on a background with the RGB color 209, 238, 214.

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](#).

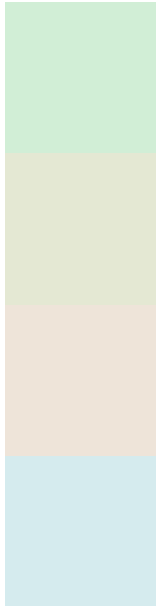
Dichromacy





Tritanopia
215, 233, 251

Trichromacy



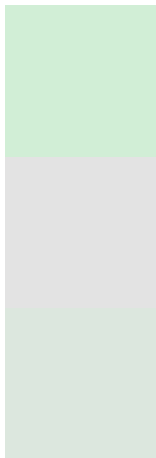
Original Color
209, 238, 214

Protanomaly
228, 232, 211

Deuteranomaly
238, 228, 217

Tritanomaly
213, 235, 238

Monochromacy



Original Color
209, 238, 214

Achromatopsia
227, 227, 227

Achromatomaly
220, 231, 222

CSS Examples

Text

The CSS property to change the color of the text to RGB 209, 238, 214 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, 238, 214)` looks like.

```
.text, #text, p{  
    color:rgb(209, 238, 214)  
}
```

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, 238, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 238, 214) }
```

Border

The CSS property to change the border of an element to RGB 209, 238, 214 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, 238, 214) }
```

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

```
.border{ border-color:rgb(209, 238, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 238, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 238, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 238, 214);  
box-shadow:4px 4px 4px 4px rgb(209, 238,  
214) }
```

Background

The CSS property to change the background color of an element to RGB 209, 238, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 238, 214) }
```

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

```
.background{ background-color: rgb(209,  
238, 214) }
```

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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