

Converting Colors

RGB(213, 233, 207)

Have a look what the booklet for
RGB(213, 233, 207) contains.

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Color

RGB(213, 233, 207)

Conversions

Conversions Part 1

Format	Color
Hex	D5E9CF
RGB	213, 233, 207
RGB Percent	84%, 91%, 81%
CMY	0.1647, 0.0863, 0.1882
CMYK	0.09, 0.00, 0.11, 0.09
HSL	106°, 37%, 86%
HSV	106°, 11%, 91%
XYZ	67.8420, 76.9290, 70.3046
YIQ	224.0560, -3.5740, -12.3260

Conversions

Conversions Part 2

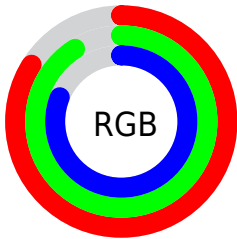
Format	Color
RYB	207, 233, 227
Decimal	14019023
CIELab	90.29, -11.30, 10.39
CIELCh	90, 15.350, 137.387
Yxy	76.9290, 0.3154, 0.3577
Android (android.graphics.Color)	4292209103 (0xFFD5E9CF)
YUV	224.0560, -8.4086, -9.6961
Hunter-Lab	87.7092, -15.4234, 13.8716

Details

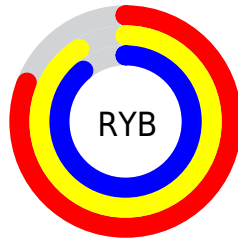
The RGB color **213, 233, 207** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **227, 207, 233**, and the grayscale version is **224, 224, 224**.

A 20% lighter version of the original color is 255, 255, 255, and **158, 177, 153** is the 20% darker color. If you saturate the color by 10%, you get **195, 233, 184**, and if you desaturate by 10%, it is **231, 233, 230**.

Distribution



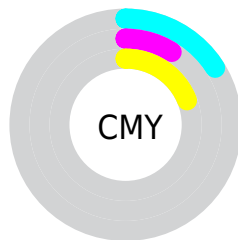
- Red (84%)
- Green (91%)
- Blue (81%)



- Red (81%)
- Yellow (91%)
- Blue (89%)



- Cyan (9%)
- Magenta (0%)
- Yellow (11%)
- Black (9%)



- Cyan (16%)
- Magenta (9%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RGB color 213, 233, 207 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 213, 233, 207 by changing the saturation by 10% instead.

■ 213, 233, 207

255, 255, 255

■ 213, 233, 207

■ 185, 205, 179

■ 158, 177, 153

■ 132, 151, 127

■ 107, 125, 102

■ 82, 100, 78

■ 59, 76, 55

■ 37, 53, 33


■ 17, 32, 11

■ 0, 2, 0

 213, 233, 207

 213, 233, 207

 195, 233, 184

 231, 233, 230


 177, 233, 160


 249, 233, 254

 159, 233, 137

 255, 233, 255

 141, 233, 114

 123, 233, 90

 105, 233, 67

 88, 233, 44

 70, 233, 21

 54, 233, 0

Harmonies

Analogous

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



230, 229, 199



213, 233, 207



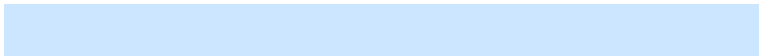
198, 235, 220

Triad

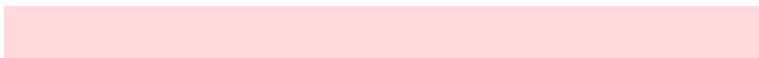
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



213, 233, 207



204, 230, 255



255, 217, 219

Complementary

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



213, 233, 207



227, 207, 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.



253, 218, 234



213, 233, 207



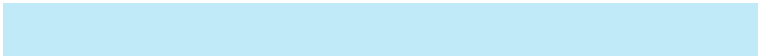
222, 226, 255

Square

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



213, 233, 207



192, 234, 248



240, 221, 247



255, 220, 206

Rectangle

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



213, 233, 207



192, 236, 230



240, 221, 247



255, 217, 224

Sweetspot

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



213, 233, 207



249, 255, 247



233, 227, 207



124, 128, 122



0, 0, 0



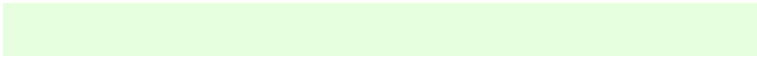
128, 128, 128

Same Dimension

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



213, 233, 207



230, 255, 222



207, 233, 214



108, 117, 106



42, 181, 0



12, 54, 0

Inverse Universe

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



227, 207, 233



247, 222, 255



233, 207, 226



115, 106, 117



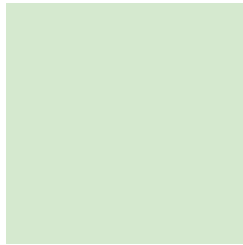
139, 0, 181



41, 0, 54

Previews

White Background



This preview shows how the RGB color 213, 233, 207 looks on a white background.

Color Contrast Check

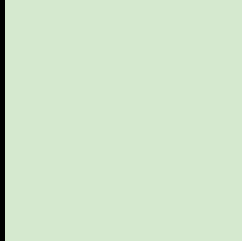
Large Text (above 18pt) WCAG AA × Fail

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 213, 233, 207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

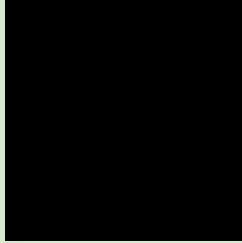
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

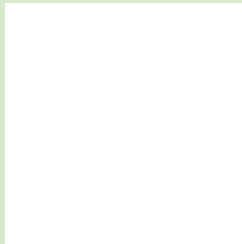
Any Text WCAG AAA ✓ Pass

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

RGB 213, 233, 207 Background



This preview shows how black text looks on a background with the RGB color 213, 233, 207.



This preview shows how white text looks on a background with the RGB color 213, 233, 207.

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

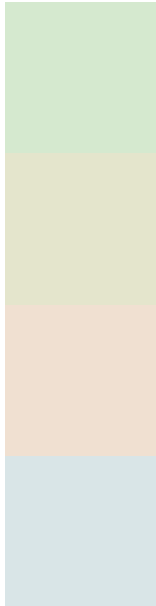




Tritanopia

219, 227, 245

Trichromacy



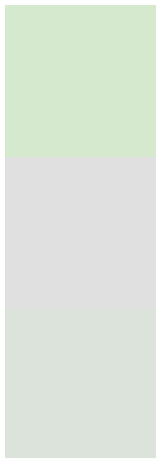
Original Color
213, 233, 207

Protanomaly
228, 229, 204

Deuteranomaly
240, 224, 209

Tritanomaly
217, 229, 231

Monochromacy



Original Color
213, 233, 207

Achromatopsia
224, 224, 224

Achromatomaly
220, 227, 218

CSS Examples

Text

The CSS property to change the color of the text to RGB 213, 233, 207 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(213, 233, 207)` looks like.

```
.text, #text, p{  
    color:rgb(213, 233, 207)  
}
```

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(213, 233, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 233, 207) }
```

Border

The CSS property to change the border of an element to RGB 213, 233, 207 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(213, 233, 207) }
```

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

```
.border{ border-color:rgb(213, 233, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 233, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 233, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 233, 207); box-shadow:4px 4px 4px 4px rgb(213, 233, 207) }
```

Background

The CSS property to change the background color of an element to RGB 213, 233, 207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 233, 207) }
```

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

```
.background{ background-color: rgb(213,  
233, 207) }
```

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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