

Converting Colors

RGB(217, 248, 233)

Have a look what the booklet for
RGB(217, 248, 233) contains.

RGB(217, 248, 233)	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(217, 248, 233)

Conversions

Conversions Part 1

Format	Color
Hex	D9F8E9
RGB	217, 248, 233
RGB Percent	85%, 97%, 91%
CMY	0.1490, 0.0275, 0.0863
CMYK	0.13, 0.00, 0.06, 0.03
HSL	151°, 69%, 91%
HSV	151°, 13%, 97%
XYZ	76.8907, 87.7697, 89.9795
YIQ	237.0210, -13.6610, -11.2370

Conversions

Conversions Part 2

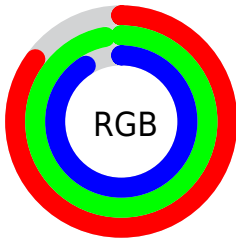
Format	Color
R _Y B	217, 237, 248
Decimal	14285033
CIE Lab	95.06, -12.84, 3.81
CIE LCh	95, 13.388, 163.481
Yxy	87.7697, 0.3020, 0.3447
Android (android.graphics.Color)	4292475113 (0xFFD9F8E9)
YUV	237.0210, -1.9824, -17.5584
Hunter-Lab	93.6855, -17.4490, 8.6352

Details

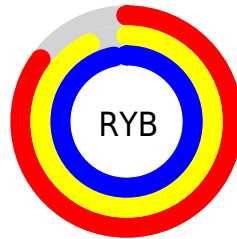
The RGB color **217, 248, 233** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **248, 217, 232**, and the grayscale version is **237, 237, 237**.

A 20% lighter version of the original color is **255, 255, 255**, and **162, 192, 177** is the 20% darker color. If you saturate the color by 10%, you get **192, 248, 221**, and if you desaturate by 10%, it is **242, 248, 245**.

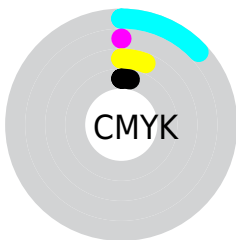
Distribution



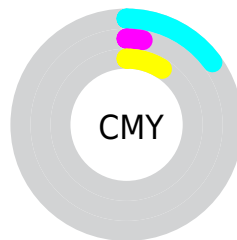
- Red (85%)
- Green (97%)
- Blue (91%)



- Red (85%)
- Yellow (93%)
- Blue (97%)



- Cyan (13%)
- Magenta (0%)
- Yellow (6%)
- Black (3%)



- Cyan (15%)
- Magenta (3%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 217, 248, 233 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 217, 248, 233 by changing the saturation by 10% instead.

■ 217, 248, 233

255, 255, 255

■ 217, 248, 233

■ 189, 219, 205

■ 162, 192, 177

■ 136, 164, 151

■ 110, 138, 125

■ 85, 113, 100

■ 62, 88, 76

■ 39, 65, 53

■ 18, 42, 32

■ 0, 23, 9

 217, 248, 233

 217, 248, 233

 192, 248, 221

 242, 248, 245

 167, 248, 209

 255, 248, 255

 143, 248, 197

 118, 248, 185

 93, 248, 173

 68, 248, 161

 43, 248, 149

 19, 248, 137

 0, 248, 128

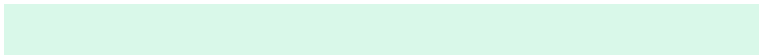
Harmonies

Analogous

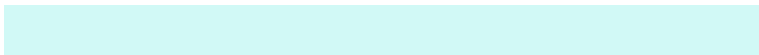
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



230, 246, 222



217, 248, 233



209, 249, 246

Triad

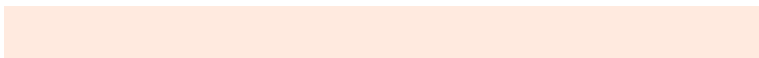
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



217, 248, 233



235, 240, 255



255, 234, 223

Complementary

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



217, 248, 233



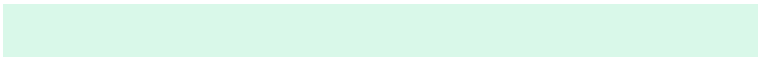
248, 217, 232

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, 232, 235



217, 248, 233



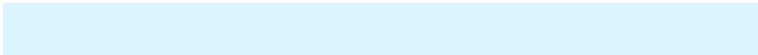
251, 236, 255

Square

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



217, 248, 233



219, 244, 255



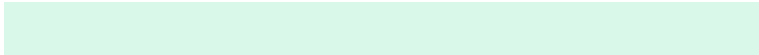
255, 233, 248



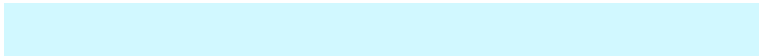
255, 237, 216

Rectangle

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



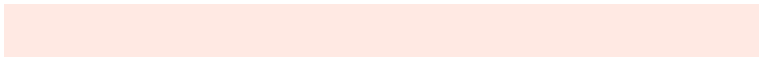
217, 248, 233



209, 248, 255



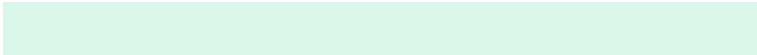
255, 233, 248



255, 233, 227

Sweetspot

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



217, 248, 233



245, 255, 250



233, 248, 217



121, 128, 124



0, 0, 0



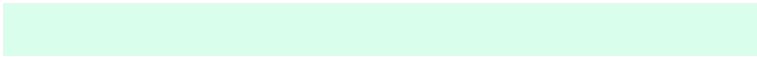
128, 128, 128

Same Dimension

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



217, 248, 233



217, 255, 236



217, 248, 248



112, 125, 119



0, 189, 97



0, 61, 32

Inverse Universe

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



248, 217, 232



255, 217, 235



248, 217, 217



125, 112, 119



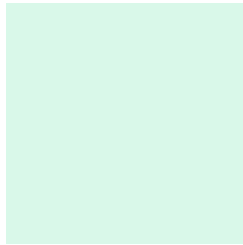
189, 0, 91



61, 0, 30

Previews

White Background



This preview shows how the RGB color 217, 248, 233 looks on a white background.

Color Contrast Check

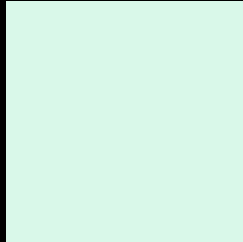
Large Text (above 18pt) WCAG AA × Fail

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 217, 248, 233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

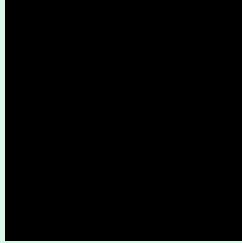
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

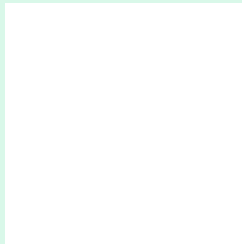
Any Text WCAG AAA ✓ Pass

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

RGB 217, 248, 233 Background



This preview shows how black text looks on a background with the RGB color 217, 248, 233.

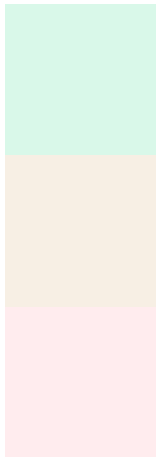


This preview shows how white text looks on a background with the RGB color 217, 248, 233.

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
217, 248, 233

Protanopia
247, 239, 228

Deuteranopia
255, 236, 238



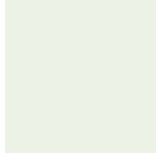
Tritanopia
229, 242, 255

Trichromacy



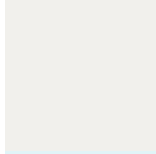
Original Color

217, 248, 233



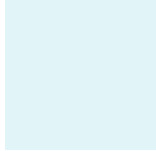
Protanomaly

236, 242, 230



Deuteranomaly

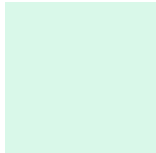
241, 240, 236



Tritanomaly

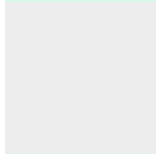
225, 244, 247

Monochromacy



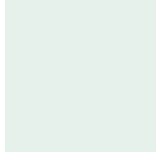
Original Color

217, 248, 233



Achromatopsia

237, 237, 237



Achromatomaly

230, 241, 236

CSS Examples

Text

The CSS property to change the color of the text to RGB 217, 248, 233 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(217, 248, 233)` looks like.

```
.text, #text, p{  
    color:rgb(217, 248, 233)  
}
```

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(217, 248, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 248, 233) }
```

Border

The CSS property to change the border of an element to RGB 217, 248, 233 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(217, 248, 233) }
```

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

```
.border{ border-color:rgb(217, 248, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 248, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 248, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 248, 233);  
box-shadow:4px 4px 4px 4px rgb(217, 248,  
233) }
```

Background

The CSS property to change the background color of an element to RGB 217, 248, 233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 248, 233) }
```

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

```
.background{ background-color: rgb(217,  
248, 233) }
```

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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