

Converting Colors

RGB(210, 249, 219)

Have a look what the booklet for
RGB(210, 249, 219) contains.

RGB(210, 249, 219)	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(210, 249, 219)

Conversions

Conversions Part 1

Format	Color
Hex	D2F9DB
RGB	210, 249, 219
RGB Percent	82%, 98%, 86%
CMY	0.1765, 0.0235, 0.1412
CMYK	0.16, 0.00, 0.12, 0.02
HSL	134°, 76%, 90%
HSV	134°, 16%, 98%
XYZ	73.2402, 86.5675, 79.8669
YIQ	233.9190, -13.6140, -17.5980

Conversions

Conversions Part 2

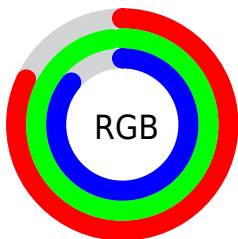
Format	Color
R _Y B	210, 242, 249
Decimal	13826523
CIE Lab	94.55, -18.13, 10.24
CIE LCh	95, 20.824, 150.543
Yxy	86.5675, 0.3056, 0.3612
Android (android.graphics.Color)	4292016603 (0xFFD2F9DB)
YUV	233.9190, -7.3551, -20.9770
Hunter-Lab	93.0416, -22.3118, 14.2347

Details

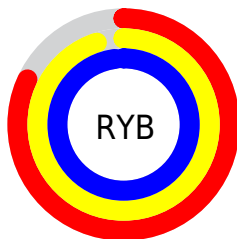
The RGB color **210, 249, 219** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **249, 210, 240**, and the grayscale version is **234, 234, 234**.

A 20% lighter version of the original color is **255, 255, 255**, and **155, 192, 164** is the 20% darker color. If you saturate the color by 10%, you get **185, 249, 200**, and if you desaturate by 10%, it is **235, 249, 238**.

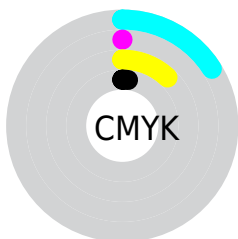
Distribution



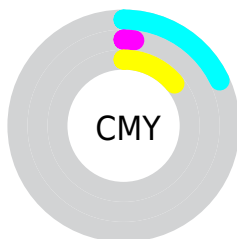
- Red (82%)
- Green (98%)
- Blue (86%)



- Red (82%)
- Yellow (95%)
- Blue (98%)



- Cyan (16%)
- Magenta (0%)
- Yellow (12%)
- Black (2%)



- Cyan (18%)
- Magenta (2%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RGB color 210, 249, 219 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 210, 249, 219 by changing the saturation by 10% instead.

■ 210, 249, 219

255, 255, 255

■ 210, 249, 219

■ 182, 220, 191

■ 155, 192, 164

■ 129, 165, 138

■ 103, 139, 112

■ 79, 113, 88

■ 55, 89, 64

■ 32, 65, 42

■ 9, 43, 22

■ 0, 24, 0

 210, 249, 219

 210, 249, 219

 185, 249, 200

 235, 249, 238

 160, 249, 181

 255, 249, 255

 135, 249, 162

 110, 249, 142

 85, 249, 123

 61, 249, 104

 36, 249, 85

 11, 249, 66

 0, 249, 57

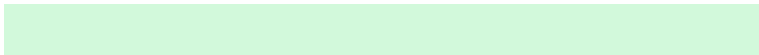
Harmonies

Analogous

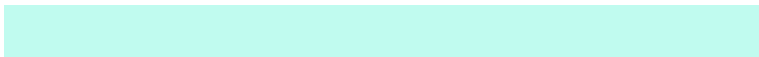
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



233, 244, 204



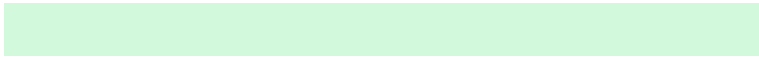
210, 249, 219



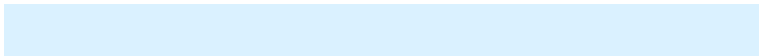
192, 251, 239

Triad

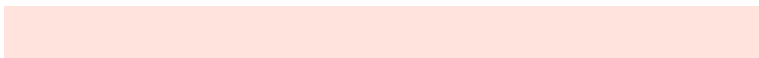
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



210, 249, 219



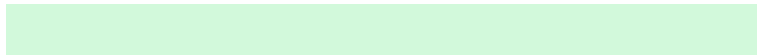
218, 241, 255



255, 227, 220

Complementary

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



210, 249, 219



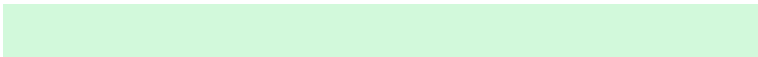
249, 210, 240

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, 225, 240



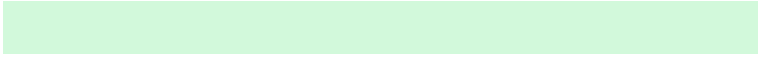
210, 249, 219



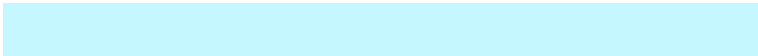
244, 234, 255

Square

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



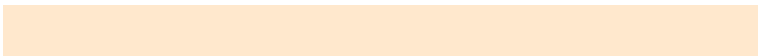
210, 249, 219



196, 247, 255



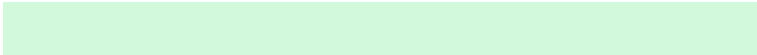
255, 228, 255



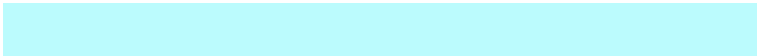
255, 232, 205

Rectangle

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



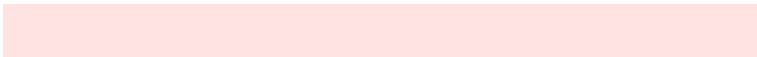
210, 249, 219



187, 251, 253



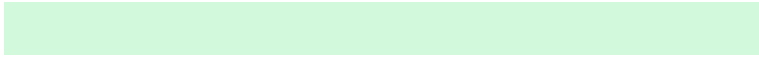
255, 228, 255



255, 226, 226

Sweetspot

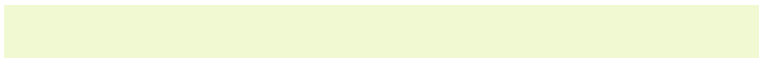
The Sweet Spot groups the original color and five complimentary colors.



210, 249, 219



242, 255, 245



241, 249, 210



120, 128, 122



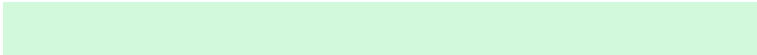
0, 0, 0



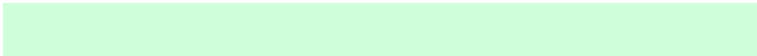
128, 128, 128

Same Dimension

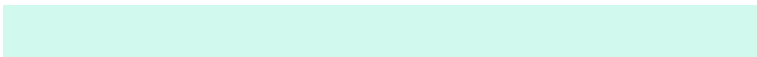
The Same Dimension uses a secret algorithm to generate beautiful new colors.



210, 249, 219



207, 255, 218



210, 249, 238



112, 125, 115



0, 189, 44



0, 61, 14

Inverse Universe

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



249, 210, 240



255, 207, 244



249, 210, 221



125, 112, 122



189, 0, 145



61, 0, 47

Previews

White Background



This preview shows how the RGB color 210, 249, 219 looks on a white background.

Color Contrast Check

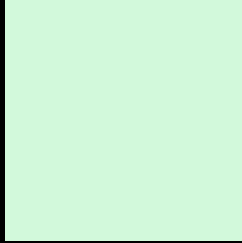
Large Text (above 18pt) WCAG AA × Fail

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 210, 249, 219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

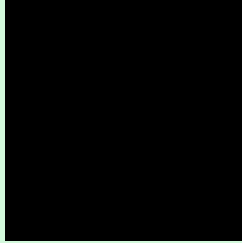
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

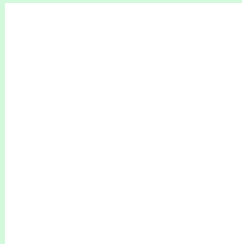
Any Text WCAG AAA ✓ Pass

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

RGB 210, 249, 219 Background



This preview shows how black text looks on a background with the RGB color 210, 249, 219.



This preview shows how white text looks on a background with the RGB color 210, 249, 219.

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





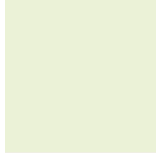
Tritanopia
225, 242, 255

Trichromacy



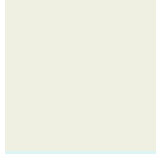
Original Color

210, 249, 219



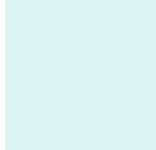
Protanomaly

235, 242, 215



Deuteranomaly

239, 239, 226



Tritanomaly

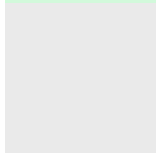
220, 245, 242

Monochromacy



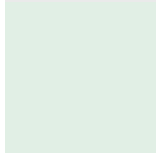
Original Color

210, 249, 219



Achromatopsia

234, 234, 234



Achromatomaly

225, 239, 229

CSS Examples

Text

The CSS property to change the color of the text to RGB 210, 249, 219 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(210, 249, 219)` looks like.

```
.text, #text, p{  
    color:rgb(210, 249, 219)  
}
```

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(210, 249, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 249, 219) }
```

Border

The CSS property to change the border of an element to RGB 210, 249, 219 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(210, 249, 219) }
```

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

```
.border{ border-color:rgb(210, 249, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 249, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 249, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 249, 219);  
box-shadow:4px 4px 4px 4px rgb(210, 249,  
219) }
```

Background

The CSS property to change the background color of an element to RGB 210, 249, 219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 249, 219) }
```

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

```
.background{ background-color: rgb(210,  
249, 219) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor