

Converting Colors

RGB(204, 252, 222)

Have a look what the booklet for
RGB(204, 252, 222) contains.

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Color

RGB(204, 252, 222)

Conversions

Conversions Part 1

Format	Color
Hex	CCFCDE
RGB	204, 252, 222
RGB Percent	80%, 99%, 87%
CMY	0.2000, 0.0118, 0.1294
CMYK	0.19, 0.00, 0.12, 0.01
HSL	142°, 89%, 89%
HSV	142°, 19%, 99%
XYZ	72.8971, 87.7321, 82.1991
YIQ	234.2280, -18.9780, -19.5060

Conversions

Conversions Part 2

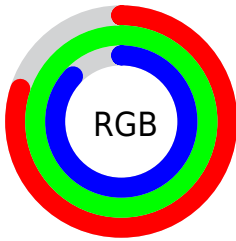
Format	Color
R_{YB}	204, 239, 252
Decimal	13434078
CIE Lab	95.05, -20.98, 9.35
CIE LCh	95, 22.967, 155.970
Yxy	87.7321, 0.3002, 0.3613
Android (android.graphics.Color)	4291624158 (0xFFCCFCDE)
YUV	234.2280, -6.0284, -26.5100
Hunter-Lab	93.6654, -24.9931, 13.5339

Details

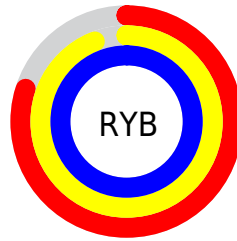
The RGB color **204, 252, 222** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **252, 204, 234**, and the grayscale version is **234, 234, 234**.

A 20% lighter version of the original color is **255, 255, 255**, and **149, 195, 167** is the 20% darker color. If you saturate the color by 10%, you get **179, 252, 206**, and if you desaturate by 10%, it is **229, 252, 238**.

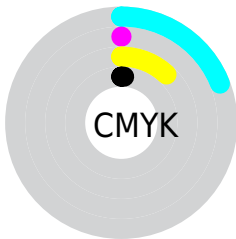
Distribution



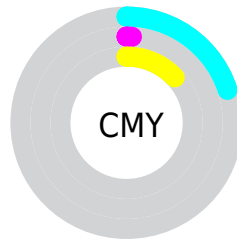
- Red (80%)
- Green (99%)
- Blue (87%)



- Red (80%)
- Yellow (94%)
- Blue (99%)



- Cyan (19%)
- Magenta (0%)
- Yellow (12%)
- Black (1%)



- Cyan (20%)
- Magenta (1%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 204, 252, 222 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 204, 252, 222 by changing the saturation by 10% instead.

■ 204, 252, 222

255, 255, 255

■ 204, 252, 222

■ 176, 223, 194

■ 149, 195, 167

■ 123, 168, 140

■ 97, 141, 115

■ 73, 116, 90

■ 49, 91, 67

■ 25, 67, 45

■ 0, 45, 24

■ 0, 26, 0

 204, 252, 222

 204, 252, 222

 179, 252, 206

 229, 252, 238

 154, 252, 191

 254, 252, 254

 128, 252, 175

 255, 252, 255

 103, 252, 159

 78, 252, 143

 53, 252, 128

 28, 252, 112

 2, 252, 96

 0, 252, 95

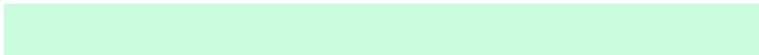
Harmonies

Analogous

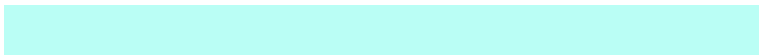
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



229, 247, 204



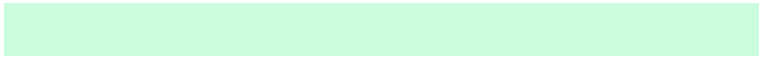
204, 252, 222



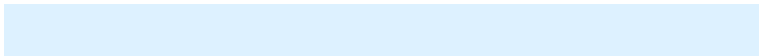
186, 254, 245

Triad

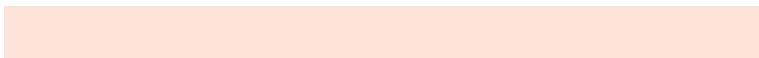
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



204, 252, 222



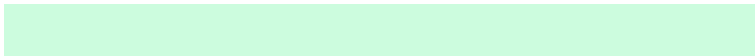
221, 241, 255



255, 227, 216

Complementary

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



204, 252, 222



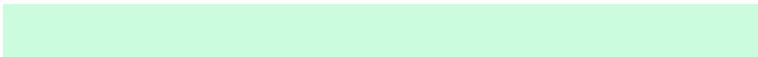
252, 204, 234

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, 237



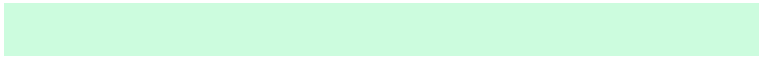
204, 252, 222



250, 234, 255

Square

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



204, 252, 222



195, 248, 255



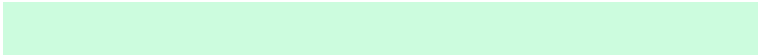
255, 228, 255



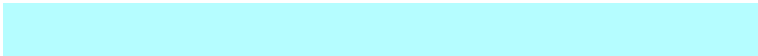
255, 233, 201

Rectangle

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



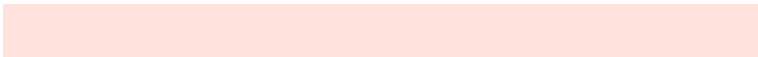
204, 252, 222



181, 253, 255



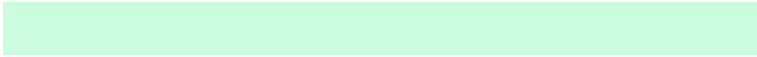
255, 228, 255



255, 226, 222

Sweetspot

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



204, 252, 222



240, 255, 245



234, 252, 204



119, 128, 122



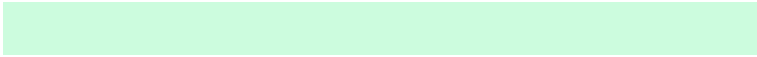
0, 0, 0



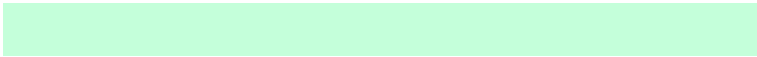
128, 128, 128

Same Dimension

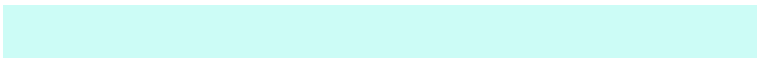
The Same Dimension uses a secret algorithm to generate beautiful new colors.



204, 252, 222



196, 255, 218



204, 252, 246



112, 125, 117



0, 189, 71



0, 61, 23

Inverse Universe

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



252, 204, 234



255, 196, 233



252, 204, 210



125, 112, 120



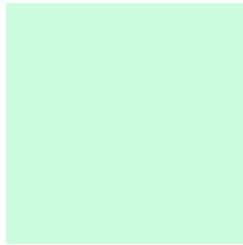
189, 0, 118



61, 0, 38

Previews

White Background



This preview shows how the RGB color 204, 252, 222 looks on a white background.

Color Contrast Check

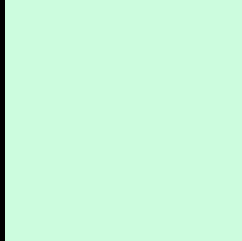
Large Text (above 18pt) WCAG AA × Fail

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 204, 252, 222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

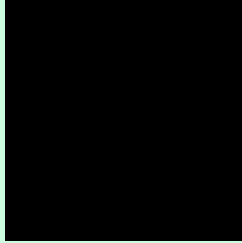
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

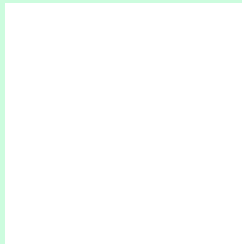
Any Text WCAG AAA ✓ Pass

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

RGB 204, 252, 222 Background



This preview shows how black text looks on a background with the RGB color 204, 252, 222.



This preview shows how white text looks on a background with the RGB color 204, 252, 222.

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





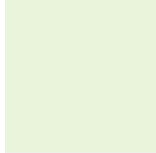
Tritanopia
224, 243, 255

Trichromacy



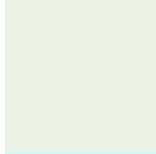
Original Color

204, 252, 222



Protanomaly

233, 244, 218



Deuteranomaly

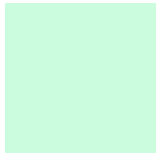
236, 242, 229



Tritanomaly

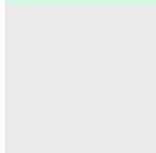
217, 246, 243

Monochromacy



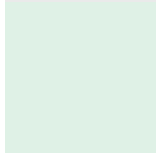
Original Color

204, 252, 222



Achromatopsia

234, 234, 234



Achromatomaly

223, 241, 230

CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 252, 222 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(204, 252, 222)` looks like.

```
.text, #text, p{  
    color:rgb(204, 252, 222)  
}
```

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(204, 252, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 252, 222) }
```

Border

The CSS property to change the border of an element to RGB 204, 252, 222 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(204, 252, 222) }
```

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

```
.border{ border-color:rgb(204, 252, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 252, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 252, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 252, 222);  
box-shadow:4px 4px 4px 4px rgb(204, 252,  
222) }
```

Background

The CSS property to change the background color of an element to RGB 204, 252, 222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 252, 222) }
```

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

```
.background{ background-color: rgb(204,  
252, 222) }
```

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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