

Converting Colors

RGB(204, 242, 218)

Have a look what the booklet for
RGB(204, 242, 218) contains.

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Color

RGB(204, 242, 218)

Conversions

Conversions Part 1

Format	Color
Hex	CCF2DA
RGB	204, 242, 218
RGB Percent	80%, 95%, 85%
CMY	0.2000, 0.0510, 0.1451
CMYK	0.16, 0.00, 0.10, 0.05
HSL	142°, 59%, 87%
HSV	142°, 16%, 95%
XYZ	69.3089, 81.4036, 78.3892
YIQ	227.9020, -14.9440, -15.5200

Conversions

Conversions Part 2

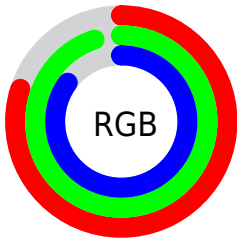
Format	Color
RYB	204, 232, 242
Decimal	13431514
CIELab	92.31, -16.82, 7.49
CIELCh	92, 18.409, 155.985
Yxy	81.4036, 0.3025, 0.3553
Android (android.graphics.Color)	4291621594 (0xFFCCCF2DA)
YUV	227.9020, -4.8817, -20.9621
Hunter-Lab	90.2239, -20.7705, 11.6439

Details

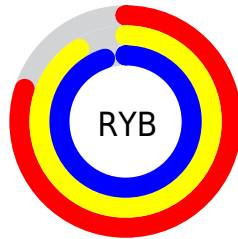
The RGB color **204, 242, 218** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **242, 204, 228**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is 255, 255, 255, and **149, 186, 163** is the 20% darker color. If you saturate the color by 10%, you get **180, 242, 203**, and if you desaturate by 10%, it is **228, 242, 233**.

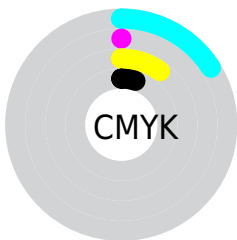
Distribution



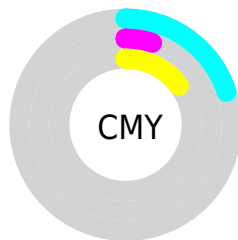
- Red (80%)
- Green (95%)
- Blue (85%)



- Red (80%)
- Yellow (91%)
- Blue (95%)



- Cyan (16%)
- Magenta (0%)
- Yellow (10%)
- Black (5%)



- Cyan (20%)
- Magenta (5%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 204, 242, 218 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, 242, 218 by changing the saturation by 10% instead.

■ 204, 242, 218

255, 255, 255

■ 204, 242, 218

■ 176, 214, 190

■ 149, 186, 163

■ 123, 159, 137

■ 98, 133, 111

■ 74, 107, 87

■ 50, 83, 64

■ 28, 60, 42

■ 5, 38, 21

■ 0, 15, 0

 204, 242, 218

 204, 242, 218

 180, 242, 203

 228, 242, 233

 156, 242, 187

 252, 242, 249

 131, 242, 172

 255, 242, 255

 107, 242, 157

 83, 242, 142

 59, 242, 126

 35, 242, 111

 10, 242, 96

 0, 242, 89

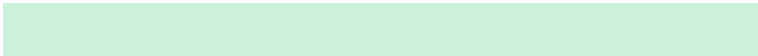
Harmonies

Analogous

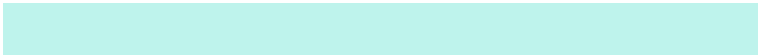
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



223, 238, 204



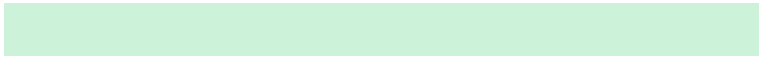
204, 242, 218



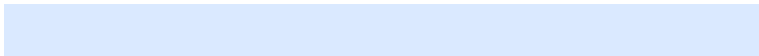
190, 243, 236

Triad

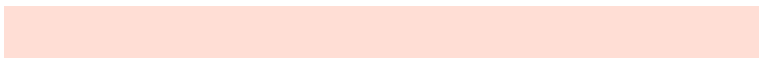
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



204, 242, 218



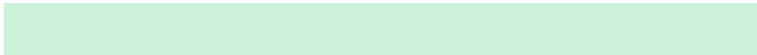
218, 233, 255



255, 222, 213

Complementary

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



204, 242, 218



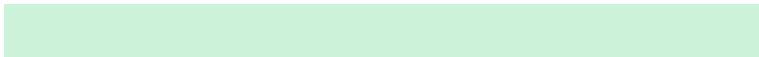
242, 204, 228

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, 221, 230



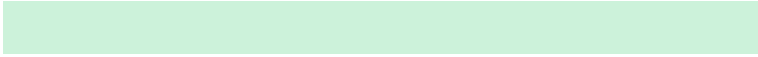
204, 242, 218



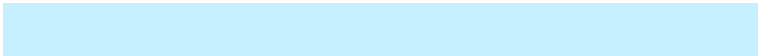
241, 227, 255

Square

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



204, 242, 218



198, 239, 255



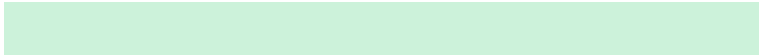
255, 223, 248



255, 227, 201

Rectangle

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



204, 242, 218



187, 243, 248



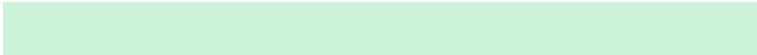
255, 223, 248



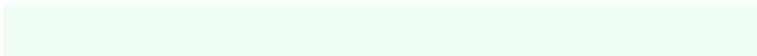
255, 222, 218

Sweetspot

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



204, 242, 218



242, 255, 247



228, 242, 204



120, 128, 123



0, 0, 0



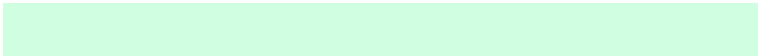
128, 128, 128

Same Dimension

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



204, 242, 218



207, 255, 224



204, 242, 237



108, 120, 112



0, 184, 68



0, 56, 21

Inverse Universe

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



242, 204, 228



255, 207, 237



242, 204, 209



120, 108, 115



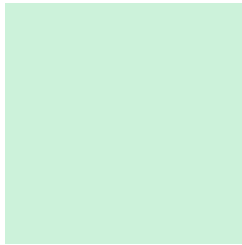
184, 0, 116



56, 0, 35

Previews

White Background



This preview shows how the RGB color 204, 242, 218 looks on a white background.

Color Contrast Check

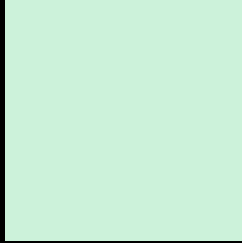
Large Text (above 18pt) WCAG AA × Fail

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, 242, 218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

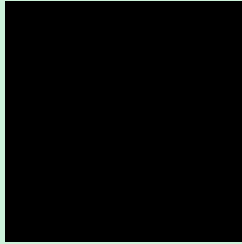
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

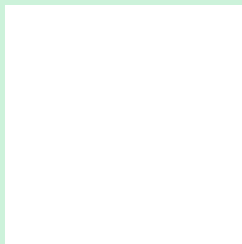
Any Text WCAG AAA ✓ Pass

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

RGB 204, 242, 218 Background



This preview shows how black text looks on a background with the RGB color 204, 242, 218.



This preview shows how white text looks on a background with the RGB color 204, 242, 218.

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](#).

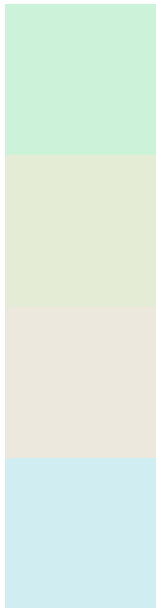
Dichromacy





Tritanopia
211, 236, 255

Trichromacy



Original Color
204, 242, 218

Protanomaly
228, 236, 214

Deuteranomaly
236, 232, 221

Tritanomaly
208, 238, 242

Monochromacy



Original Color
204, 242, 218

Achromatopsia
228, 228, 228

Achromatomaly
219, 233, 224

CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 242, 218 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, 242, 218)` looks like.

```
.text, #text, p{  
    color:rgb(204, 242, 218)  
}
```

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, 242, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 242, 218) }
```

Border

The CSS property to change the border of an element to RGB 204, 242, 218 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, 242, 218) }
```

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

```
.border{ border-color:rgb(204, 242, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 242, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 242, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 242, 218);  
box-shadow:4px 4px 4px 4px rgb(204, 242,  
218) }
```

Background

The CSS property to change the background color of an element to RGB 204, 242, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 242, 218) }
```

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

```
.background{ background-color: rgb(204,  
242, 218) }
```

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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