

Converting Colors

RGB(204, 237, 219)

Have a look what the booklet for
RGB(204, 237, 219) contains.

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Color

RGB(204, 237, 219)

Conversions

Conversions Part 1

Format	Color
Hex	CCEDDB
RGB	204, 237, 219
RGB Percent	80%, 93%, 86%
CMY	0.2000, 0.0706, 0.1412
CMYK	0.14, 0.00, 0.08, 0.07
HSL	147°, 48%, 86%
HSV	147°, 14%, 93%
XYZ	67.9722, 78.5202, 78.5912
YIQ	225.0810, -13.8900, -12.5940

Conversions

Conversions Part 2

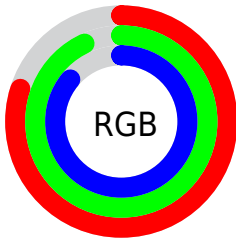
Format	Color
RYB	204, 227, 237
Decimal	13430235
CIELab	91.02, -14.15, 5.11
CIElCh	91, 15.042, 160.154
Yxy	78.5202, 0.3020, 0.3488
Android (android.graphics.Color)	4291620315 (0xFFCCEDDB)
YUV	225.0810, -2.9979, -18.4880
Hunter-Lab	88.6116, -18.1466, 9.4428

Details

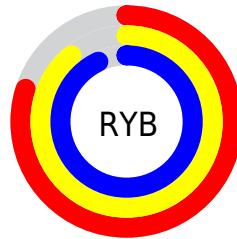
The RGB color **204, 237, 219** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **237, 204, 222**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is **255, 255, 255**, and **150, 181, 164** is the 20% darker color. If you saturate the color by 10%, you get **180, 237, 206**, and if you desaturate by 10%, it is **228, 237, 232**.

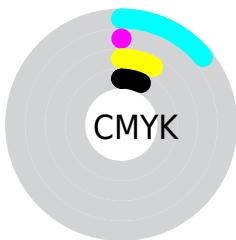
Distribution



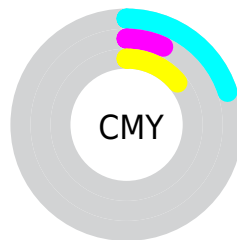
- Red (80%)
- Green (93%)
- Blue (86%)



- Red (80%)
- Yellow (89%)
- Blue (93%)



- Cyan (14%)
- Magenta (0%)
- Yellow (8%)
- Black (7%)



- Cyan (20%)
- Magenta (7%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RGB color 204, 237, 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 204, 237, 219 by changing the saturation by 10% instead.

■ 204, 237, 219

255, 255, 255

■ 204, 237, 219

■ 176, 209, 191

■ 150, 181, 164

■ 124, 154, 138

■ 98, 128, 112

■ 74, 103, 88

■ 51, 79, 65

■ 29, 56, 43

■ 7, 34, 22

■ 0, 7, 0

 204, 237, 219

 204, 237, 219

 180, 237, 206

 228, 237, 232

 157, 237, 193

 251, 237, 245

 133, 237, 180

 255, 237, 255

 109, 237, 167

 86, 237, 154

 62, 237, 141

 38, 237, 129

 14, 237, 116

 0, 237, 108

Harmonies

Analogous

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



219, 234, 207



204, 237, 219



194, 238, 234

Triad

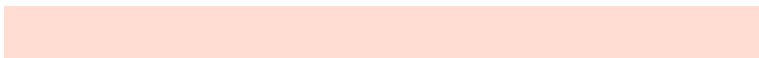
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



204, 237, 219



220, 229, 255



255, 221, 211

Complementary

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



204, 237, 219



237, 204, 222

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, 219, 225



204, 237, 219



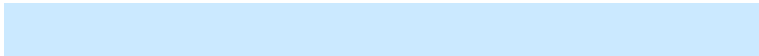
238, 224, 251

Square

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



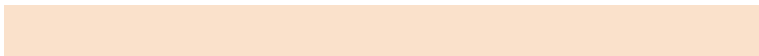
204, 237, 219



203, 233, 255



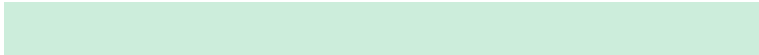
253, 221, 239



250, 225, 203

Rectangle

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



204, 237, 219



193, 237, 243



253, 221, 239



255, 220, 215

Sweetspot

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



204, 237, 219



245, 255, 249



222, 237, 204



121, 128, 124



0, 0, 0



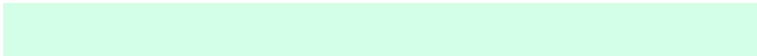
128, 128, 128

Same Dimension

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



204, 237, 219



212, 255, 231



204, 237, 235



106, 117, 111



0, 181, 82



0, 54, 24

Inverse Universe

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



237, 204, 222



255, 212, 235



237, 204, 206



117, 106, 112



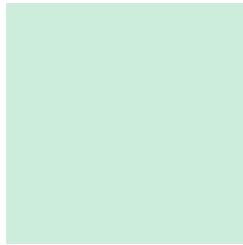
181, 0, 99



54, 0, 29

Previews

White Background



This preview shows how the RGB color 204, 237, 219 looks on a white background.

Color Contrast Check

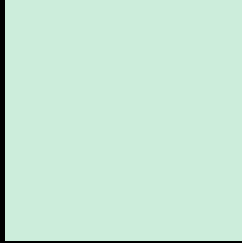
Large Text (above 18pt) WCAG AA × Fail

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 204, 237, 219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

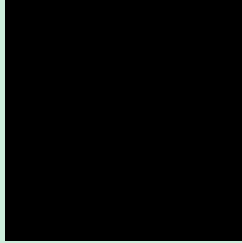
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

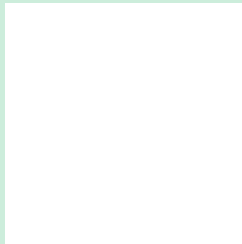
Any Text WCAG AAA ✓ Pass

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

RGB 204, 237, 219 Background



This preview shows how black text looks on a background with the RGB color 204, 237, 219.

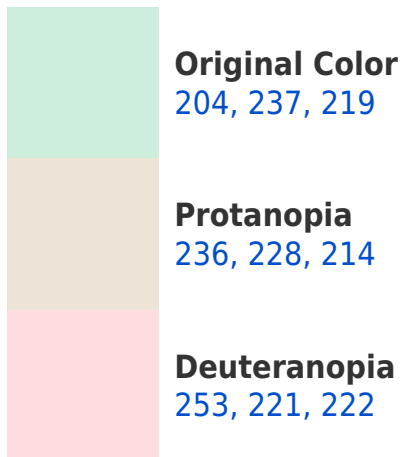


This preview shows how white text looks on a background with the RGB color 204, 237, 219.

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](#).

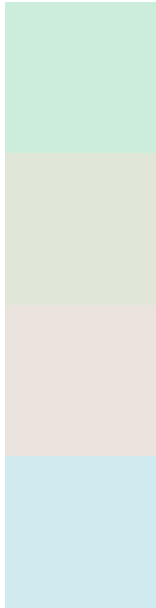
Dichromacy





Tritanopia
210, 232, 251

Trichromacy



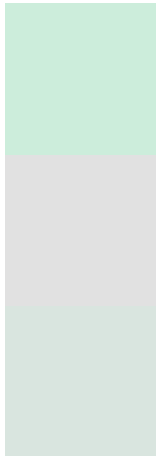
Original Color
204, 237, 219

Protanomaly
224, 231, 216

Deuteranomaly
235, 227, 221

Tritanomaly
208, 234, 239

Monochromacy



Original Color
204, 237, 219

Achromatopsia
225, 225, 225

Achromatomaly
217, 229, 223

CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 237, 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(204, 237, 219)` looks like.

```
.text, #text, p{  
    color:rgb(204, 237, 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(204, 237, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 237, 219) }
```

Border

The CSS property to change the border of an element to RGB 204, 237, 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(204, 237, 219) }
```

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

```
.border{ border-color:rgb(204, 237, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 237, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 237, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 237, 219);  
box-shadow:4px 4px 4px 4px rgb(204, 237,  
219) }
```

Background

The CSS property to change the background color of an element to RGB 204, 237, 219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 237, 219) }
```

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

```
.background{ background-color: rgb(204,  
237, 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](#).

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