

Converting Colors

RGB(196, 248, 219)

Have a look what the booklet for
RGB(196, 248, 219) contains.

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Color

RGB(196, 248, 219)

Conversions

Conversions Part 1

Format	Color
Hex	C4F8DB
RGB	196, 248, 219
RGB Percent	77%, 97%, 86%
CMY	0.2314, 0.0275, 0.1412
CMYK	0.21, 0.00, 0.12, 0.03
HSL	147°, 79%, 87%
HSV	147°, 21%, 97%
XYZ	69.1185, 83.9850, 79.5856
YIQ	229.1460, -21.6830, -20.0430

Conversions

Conversions Part 2

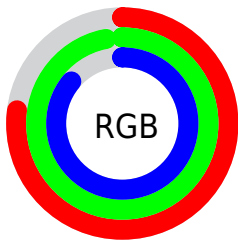
Format	Color
R_{YB}	196, 232, 248
Decimal	12908763
CIE _{Lab}	93.44, -22.11, 8.54
CIE _{LCh}	93, 23.702, 158.887
Yxy	83.9850, 0.2970, 0.3609
Android (android.graphics.Color)	4291098843 (0xFFC4F8DB)
YUV	229.1460, -5.0020, -29.0690
Hunter-Lab	91.6434, -25.7490, 12.6613

Details

The RGB color **196, 248, 219** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **248, 196, 225**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is 253, 255, 255, and **141, 191, 164** is the 20% darker color. If you saturate the color by 10%, you get **171, 248, 205**, and if you desaturate by 10%, it is **221, 248, 233**.

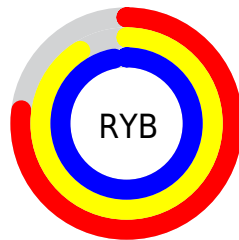
Distribution



Red (77%)

Green (97%)

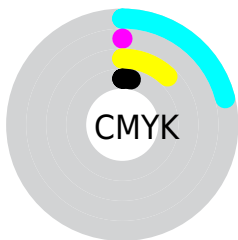
Blue (86%)



Red (77%)

Yellow (91%)

Blue (97%)

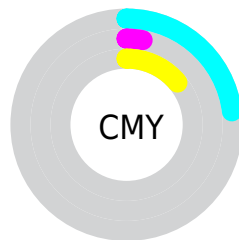


Cyan (21%)

Magenta (0%)

Yellow (12%)

Black (3%)



Cyan (23%)

Magenta (3%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RGB color 196, 248, 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 196, 248, 219 by changing the saturation by 10% instead.


 196, 248, 219

255, 255, 255


253, 255, 255

 196, 248, 219


 168, 219, 191

 141, 191, 164

 115, 164, 138

 90, 138, 112

 65, 112, 88

 41, 88, 65

 16, 64, 42

 0, 41, 22

 0, 20, 0

 196, 248, 219

 196, 248, 219

 171, 248, 205

 221, 248, 233

 146, 248, 191

 246, 248, 247

 122, 248, 178

 255, 248, 255

 97, 248, 164

 72, 248, 150

 47, 248, 136

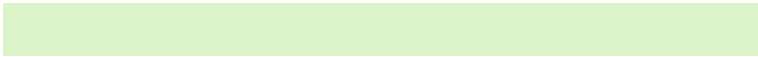
 22, 248, 122

 0, 248, 110

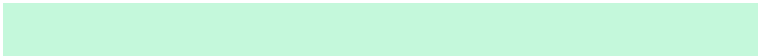
Harmonies

Analogous

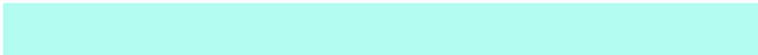
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



221, 244, 200



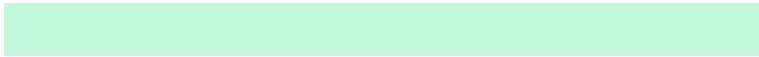
196, 248, 219



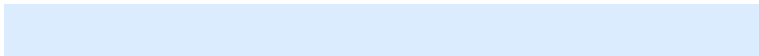
178, 250, 242

Triad

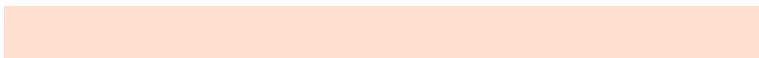
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



196, 248, 219



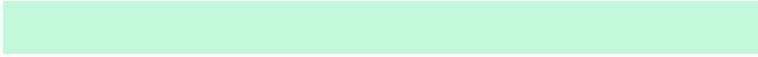
219, 236, 255



255, 223, 208

Complementary

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



196, 248, 219



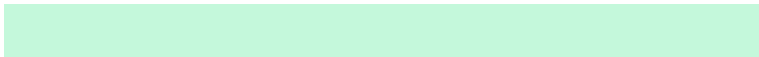
248, 196, 225

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, 220, 230



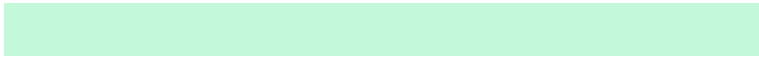
196, 248, 219



249, 228, 255

Square

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



196, 248, 219



191, 243, 255



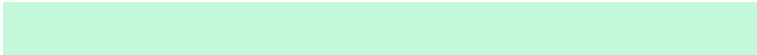
255, 222, 253



255, 229, 194

Rectangle

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



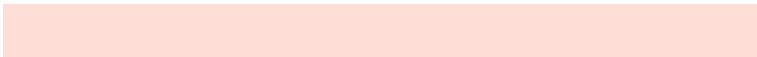
196, 248, 219



174, 249, 255



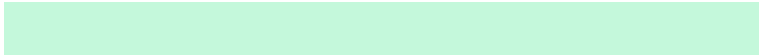
255, 222, 253



255, 222, 215

Sweetspot

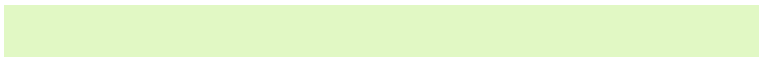
The Sweet Spot groups the original color and five complimentary colors.



196, 248, 219



240, 255, 246



225, 248, 196



119, 128, 123



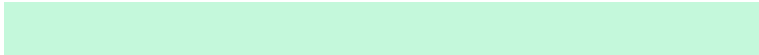
0, 0, 0



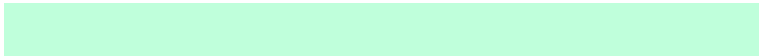
128, 128, 128

Same Dimension

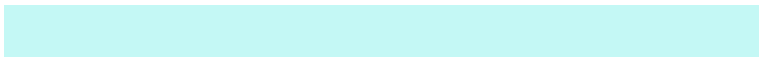
The Same Dimension uses a secret algorithm to generate beautiful new colors.



196, 248, 219



191, 255, 219



196, 248, 245



112, 125, 118



0, 189, 83



0, 61, 27

Inverse Universe

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



248, 196, 225



255, 191, 227



248, 196, 199



125, 112, 119



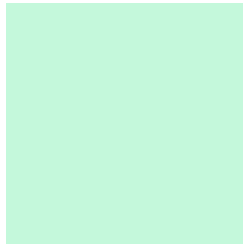
189, 0, 105



61, 0, 34

Previews

White Background



This preview shows how the RGB color 196, 248, 219 looks on a white background.

Color Contrast Check

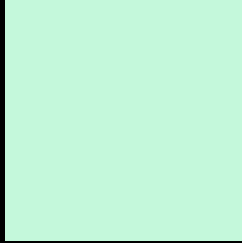
Large Text (above 18pt) WCAG AA × Fail

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 196, 248, 219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

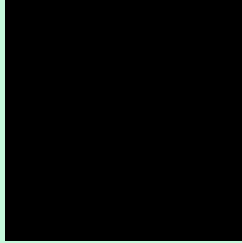
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

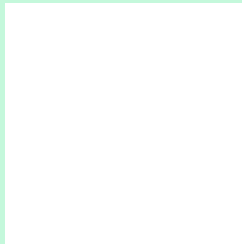
Any Text WCAG AAA ✓ Pass

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

RGB 196, 248, 219 Background



This preview shows how black text looks on a background with the RGB color 196, 248, 219.

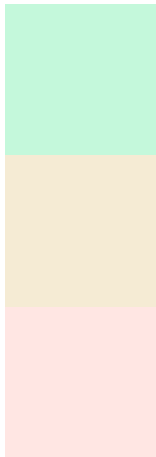


This preview shows how white text looks on a background with the RGB color 196, 248, 219.

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



Original Color
196, 248, 219

Protanopia
245, 235, 212

Deuteranopia
255, 230, 227



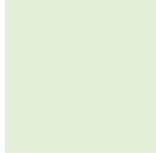
Tritanopia
212, 240, 255

Trichromacy



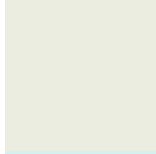
Original Color

196, 248, 219



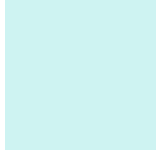
Protanomaly

227, 240, 215



Deuteranomaly

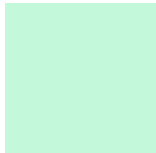
234, 237, 224



Tritanomaly

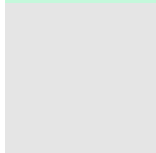
206, 243, 242

Monochromacy



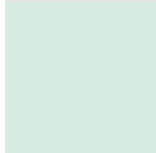
Original Color

196, 248, 219



Achromatopsia

229, 229, 229



Achromatomaly

217, 236, 225

CSS Examples

Text

The CSS property to change the color of the text to RGB 196, 248, 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(196, 248, 219)` looks like.

```
.text, #text, p{  
    color:rgb(196, 248, 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(196, 248, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 248, 219) }
```

Border

The CSS property to change the border of an element to RGB 196, 248, 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(196, 248, 219) }
```

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

```
.border{ border-color:rgb(196, 248, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 248, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 248, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 248, 219);  
box-shadow:4px 4px 4px 4px rgb(196, 248,  
219) }
```

Background

The CSS property to change the background color of an element to RGB 196, 248, 219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 248, 219) }
```

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

```
.background{ background-color: rgb(196,  
248, 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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