

Converting Colors

RGB(204, 241, 196)

Have a look what the booklet for
RGB(204, 241, 196) contains.

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Color

RGB(204, 241, 196)

Conversions

Conversions Part 1

Format	Color
Hex	CCF1C4
RGB	204, 241, 196
RGB Percent	80%, 95%, 77%
CMY	0.2000, 0.0549, 0.2314
CMYK	0.15, 0.00, 0.19, 0.05
HSL	109°, 62%, 86%
HSV	109°, 19%, 95%
XYZ	66.3209, 79.7335, 64.1192
YIQ	224.8070, -7.6070, -21.8390

Conversions

Conversions Part 2

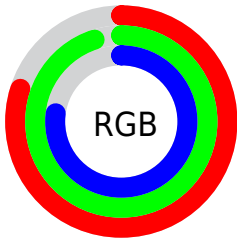
Format	Color
R _{YB}	196, 241, 233
Decimal	13431236
CIE _{Lab}	91.57, -20.16, 17.82
CIE _{LCh}	92, 26.908, 138.531
Y _{xy}	79.7335, 0.3156, 0.3794
Android (android.graphics.Color)	4291621316 (0xFFCCCF1C4)
YUV	224.8070, -14.2019, -18.2477
Hunter-Lab	89.2936, -23.6867, 19.9311

Details

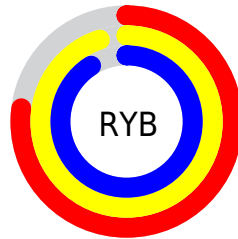
The RGB color **204, 241, 196** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **233, 196, 241**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is 255, 255, 253, and **149, 185, 142** is the 20% darker color. If you saturate the color by 10%, you get **184, 241, 172**, and if you desaturate by 10%, it is **224, 241, 220**.

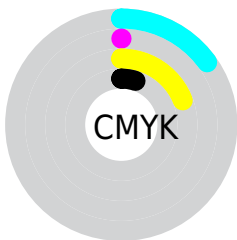
Distribution



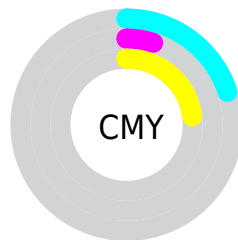
- Red (80%)
- Green (95%)
- Blue (77%)



- Red (77%)
- Yellow (95%)
- Blue (91%)



- Cyan (15%)
- Magenta (0%)
- Yellow (19%)
- Black (5%)



- Cyan (20%)
- Magenta (5%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RGB color 204, 241, 196 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, 241, 196 by changing the saturation by 10% instead.

 204, 241, 196

255, 255, 255


255, 255, 253

 204, 241, 196

 176, 213, 169

 149, 185, 142

 123, 158, 116

 98, 132, 92

 73, 106, 68

 50, 82, 45

 27, 59, 24

 7, 37, 0

 0, 11, 0

 204, 241, 196

 204, 241, 196

 184, 241, 172

 224, 241, 220

 164, 241, 148

 244, 241, 244

 145, 241, 124


 255, 241, 255


 125, 241, 100

 105, 241, 76

 85, 241, 51

 65, 241, 27

 45, 241, 3

 43, 241, 0

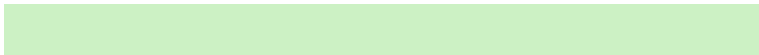
Harmonies

Analogous

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



234, 234, 182



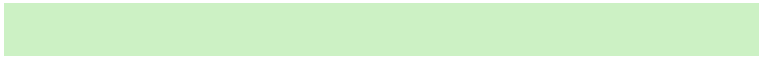
204, 241, 196



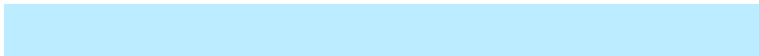
177, 245, 220

Triad

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



204, 241, 196



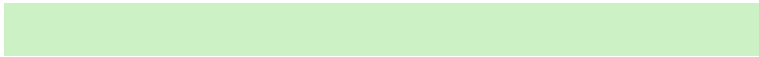
188, 236, 255



255, 213, 216

Complementary

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



204, 241, 196



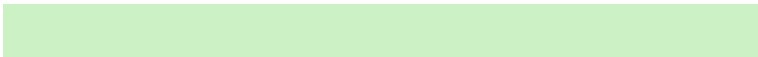
233, 196, 241

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, 213, 242



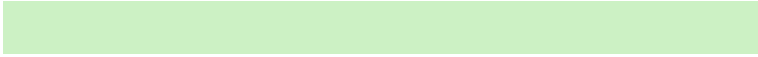
204, 241, 196



222, 228, 255

Square

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



204, 241, 196



163, 242, 255



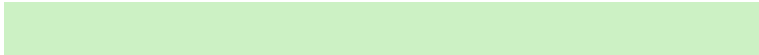
254, 219, 255



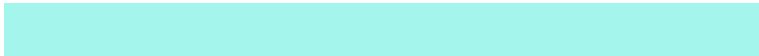
255, 218, 193

Rectangle

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



204, 241, 196



164, 246, 237



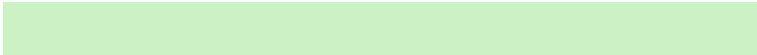
254, 219, 255



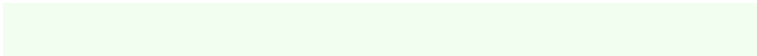
255, 212, 224

Sweetspot

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



204, 241, 196



242, 255, 240



241, 233, 196



120, 128, 119



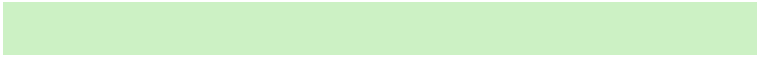
0, 0, 0



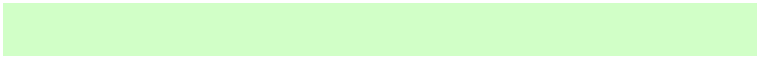
128, 128, 128

Same Dimension

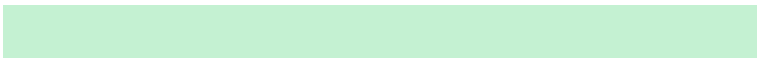
The Same Dimension uses a secret algorithm to generate beautiful new colors.



204, 241, 196



209, 255, 199



196, 241, 210



110, 120, 108



33, 184, 0



10, 56, 0

Inverse Universe

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



233, 196, 241



245, 199, 255



241, 196, 227



118, 108, 120



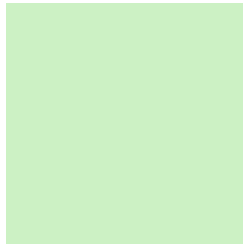
151, 0, 184



46, 0, 56

Previews

White Background



This preview shows how the RGB color 204, 241, 196 looks on a white background.

Color Contrast Check

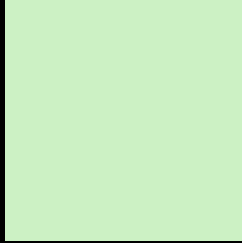
Large Text (above 18pt) WCAG AA × Fail

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, 241, 196 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

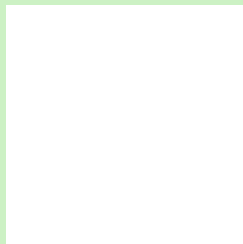
Any Text WCAG AAA ✓ Pass

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

RGB 204, 241, 196 Background



This preview shows how black text looks on a background with the RGB color 204, 241, 196.



This preview shows how white text looks on a background with the RGB color 204, 241, 196.

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

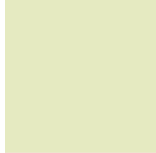
213, 233, 252

Trichromacy



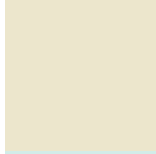
Original Color

204, 241, 196



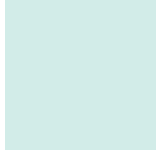
Protanomaly

229, 234, 193



Deuteranomaly

236, 230, 204



Tritanomaly

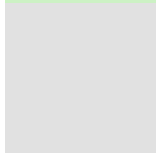
210, 236, 232

Monochromacy



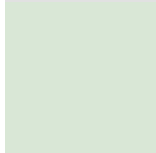
Original Color

204, 241, 196



Achromatopsia

225, 225, 225



Achromatomaly

217, 231, 214

CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 241, 196 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, 241, 196)` looks like.

```
.text, #text, p{  
    color:rgb(204, 241, 196)  
}
```

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, 241, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 241, 196) }
```

Border

The CSS property to change the border of an element to RGB 204, 241, 196 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, 241, 196) }
```

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

```
.border{ border-color:rgb(204, 241, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 241, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 241, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 241, 196);  
box-shadow:4px 4px 4px 4px rgb(204, 241,  
196) }
```

Background

The CSS property to change the background color of an element to RGB 204, 241, 196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 241, 196) }
```

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

```
.background{ background-color: rgb(204,  
241, 196) }
```

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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