

Converting Colors

RGB(204, 231, 196)

Have a look what the booklet for
RGB(204, 231, 196) contains.

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Color

RGB(204, 231, 196)

Conversions

Conversions Part 1

Format	Color
Hex	CCE7C4
RGB	204, 231, 196
RGB Percent	80%, 91%, 77%
CMY	0.2000, 0.0941, 0.2314
CMYK	0.12, 0.00, 0.15, 0.09
HSL	106°, 42%, 84%
HSV	106°, 15%, 91%
XYZ	63.4416, 73.9747, 63.1594
YIQ	218.9370, -4.8570, -16.6090

Conversions

Conversions Part 2

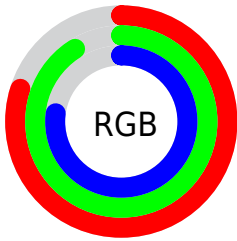
Format	Color
R _Y B	196, 231, 223
Decimal	13428676
CIE Lab	88.91, -15.23, 14.08
CIE LCh	89, 20.746, 137.248
Yxy	73.9747, 0.3163, 0.3688
Android (android.graphics.Color)	4291618756 (0xFFCCE7C4)
YUV	218.9370, -11.3079, -13.0997
Hunter-Lab	86.0086, -18.8500, 16.6671

Details

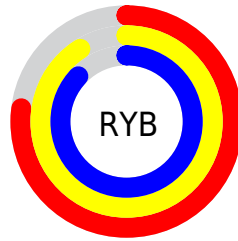
The RGB color **204, 231, 196** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **223, 196, 231**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is 255, 255, 253, and **150, 175, 142** is the 20% darker color. If you saturate the color by 10%, you get **186, 231, 173**, and if you desaturate by 10%, it is **222, 231, 219**.

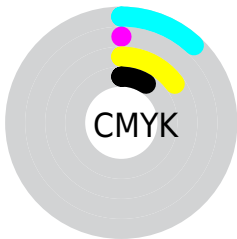
Distribution



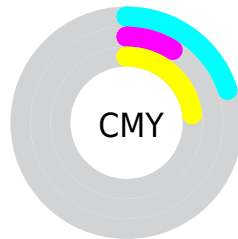
- Red (80%)
- Green (91%)
- Blue (77%)



- Red (77%)
- Yellow (91%)
- Blue (87%)



- Cyan (12%)
- Magenta (0%)
- Yellow (15%)
- Black (9%)



- Cyan (20%)
- Magenta (9%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RGB color 204, 231, 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, 231, 196 by changing the saturation by 10% instead.

 204, 231, 196

255, 255, 255

255, 255, 253

 204, 231, 196


 176, 203, 169

 150, 175, 142

 124, 149, 117

 98, 123, 92

 74, 98, 68

 51, 74, 46

 29, 51, 25

 9, 30, 0

 0, 0, 0

 204, 231, 196

 204, 231, 196

 186, 231, 173

 222, 231, 219

 168, 231, 150

 240, 231, 242

 151, 231, 127

 255, 231, 255


 133, 231, 104

 115, 231, 81

 97, 231, 57

 79, 231, 34

 61, 231, 11

 53, 231, 0

Harmonies

Analogous

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



227, 226, 185



204, 231, 196



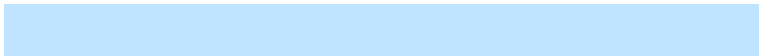
184, 234, 214

Triad

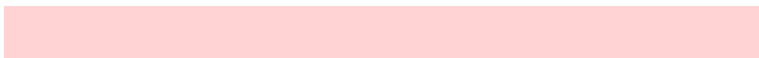
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



204, 231, 196



191, 228, 255



255, 210, 212

Complementary

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



204, 231, 196



223, 196, 231

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, 210, 233



204, 231, 196



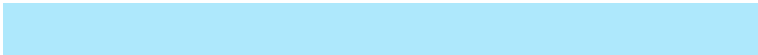
216, 221, 255

Square

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



204, 231, 196



174, 232, 252



241, 215, 250



255, 213, 195

Rectangle

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



204, 231, 196



174, 235, 228



241, 215, 250



255, 210, 219

Sweetspot

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



204, 231, 196



245, 255, 242



231, 223, 196



122, 128, 120



0, 0, 0



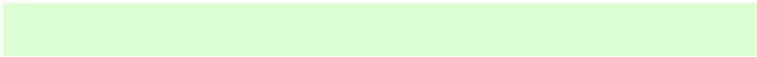
128, 128, 128

Same Dimension

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



204, 231, 196



220, 255, 209



196, 231, 205



106, 115, 103



41, 179, 0



12, 51, 0

Inverse Universe

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



223, 196, 231



245, 209, 255



231, 196, 222



112, 103, 115



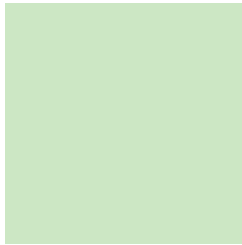
138, 0, 179



39, 0, 51

Previews

White Background



This preview shows how the RGB color 204, 231, 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, 231, 196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

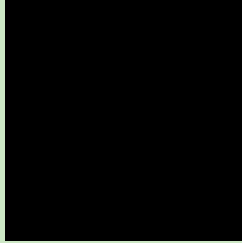
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

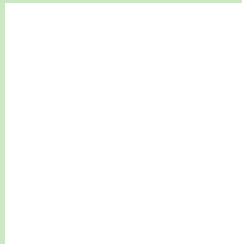
Any Text WCAG AAA ✓ Pass

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

RGB 204, 231, 196 Background



This preview shows how black text looks on a background with the RGB color 204, 231, 196.

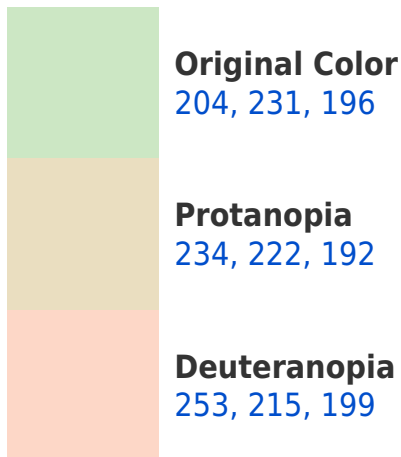


This preview shows how white text looks on a background with the RGB color 204, 231, 196.

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](#).

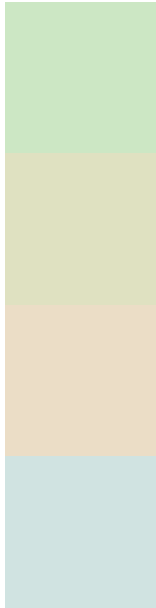
Dichromacy





Tritanopia
211, 224, 242

Trichromacy



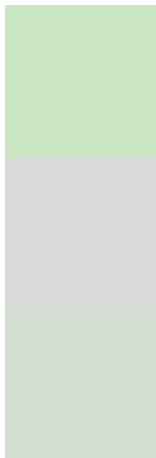
Original Color
204, 231, 196

Protanomaly
223, 225, 193

Deuteranomaly
235, 221, 198

Tritanomaly
208, 227, 225

Monochromacy



Original Color
204, 231, 196

Achromatopsia
219, 219, 219

Achromatomaly
214, 223, 211

CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 231, 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, 231, 196)` looks like.

```
.text, #text, p{  
    color:rgb(204, 231, 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, 231, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 231, 196) }
```

Border

The CSS property to change the border of an element to RGB 204, 231, 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, 231, 196) }
```

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

```
.border{ border-color:rgb(204, 231, 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, 231, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 231, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 231, 196);  
box-shadow:4px 4px 4px 4px rgb(204, 231,  
196) }
```

Background

The CSS property to change the background color of an element to RGB 204, 231, 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, 231, 196) }
```

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

```
.background{ background-color: rgb(204,  
231, 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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