

Converting Colors

RGB(204, 251, 180)

Have a look what the booklet for
RGB(204, 251, 180) contains.

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Color

RGB(204, 251, 180)

Conversions

Conversions Part 1

Format	Color
Hex	CCFBB4
RGB	204, 251, 180
RGB Percent	80%, 98%, 71%
CMY	0.2000, 0.0157, 0.2941
CMYK	0.19, 0.00, 0.28, 0.02
HSL	100°, 90%, 85%
HSV	100°, 28%, 98%
XYZ	67.6372, 85.1270, 56.0463
YIQ	228.8530, -5.2210, -32.0450

Conversions

Conversions Part 2

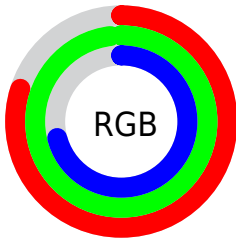
Format	Color
RYB	180, 251, 227
Decimal	13433780
CIELab	93.94, -27.48, 29.26
CIELCh	94, 40.140, 133.195
Yxy	85.1270, 0.3239, 0.4077
Android (android.graphics.Color)	4291623860 (0xFFCCFBB4)
YUV	228.8530, -24.0845, -21.7961
Hunter-Lab	92.2643, -30.6075, 28.5691

Details

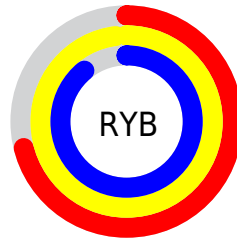
The RGB color **204, 251, 180** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **227, 180, 251**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is **255, 255, 236**, and **149, 194, 127** is the 20% darker color. If you saturate the color by 10%, you get **187, 251, 155**, and if you desaturate by 10%, it is **221, 251, 205**.

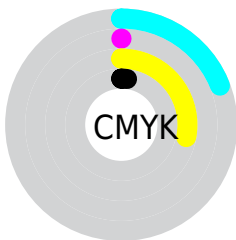
Distribution



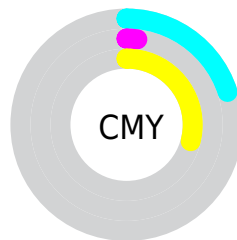
- Red (80%)
- Green (98%)
- Blue (71%)



- Red (71%)
- Yellow (98%)
- Blue (89%)



- Cyan (19%)
- Magenta (0%)
- Yellow (28%)
- Black (2%)



- Cyan (20%)
- Magenta (2%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 204, 251, 180 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, 251, 180 by changing the saturation by 10% instead.

 204, 251, 180


255, 255, 255


 255, 255, 236


 204, 251, 180

 176, 222, 153


 149, 194, 127

 122, 167, 101

 96, 140, 77

 71, 115, 53

 47, 90, 30

 21, 66, 6


 0, 43, 0

 0, 22, 0

 204, 251, 180

 204, 251, 180

 187, 251, 155

 221, 251, 205

 171, 251, 130


 237, 251, 230


 154, 251, 105

 254, 251, 255

 138, 251, 80

 255, 251, 255

 121, 251, 55

 104, 251, 29

 88, 251, 4

 85, 251, 0

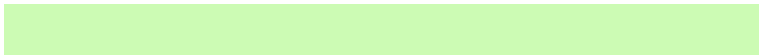
Harmonies

Analogous

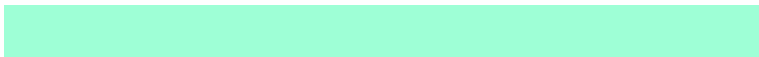
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



247, 241, 162



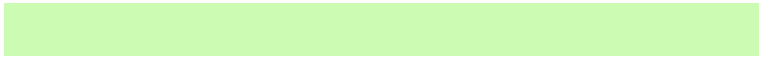
204, 251, 180



158, 255, 214

Triad

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



204, 251, 180



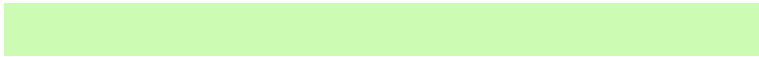
154, 248, 255



255, 209, 222

Complementary

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



204, 251, 180



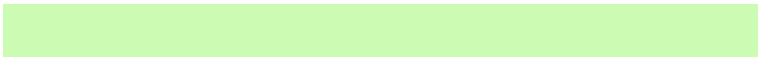
227, 180, 251

Split Complementary

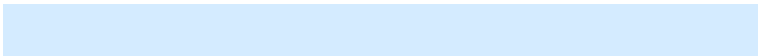
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 211, 255



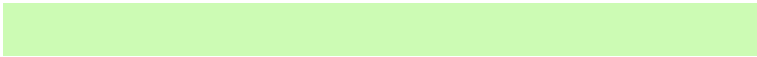
204, 251, 180



212, 235, 255

Square

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



204, 251, 180



112, 255, 255



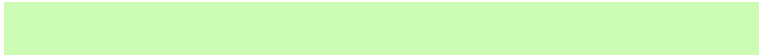
255, 222, 255



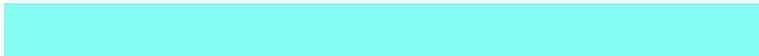
255, 215, 186

Rectangle

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



204, 251, 180



130, 255, 241



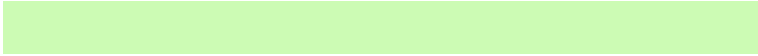
255, 222, 255



255, 208, 235

Sweetspot

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



204, 251, 180



241, 255, 235



251, 226, 180



119, 128, 115



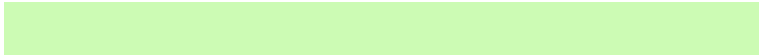
0, 0, 0



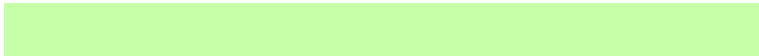
128, 128, 128

Same Dimension

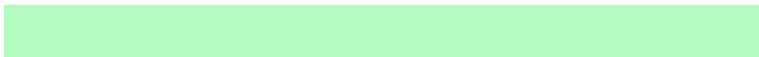
The Same Dimension uses a secret algorithm to generate beautiful new colors.



204, 251, 180



198, 255, 168



180, 251, 191



117, 125, 112



64, 189, 0



21, 61, 0

Inverse Universe

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



227, 180, 251



226, 168, 255



251, 180, 240



121, 112, 125



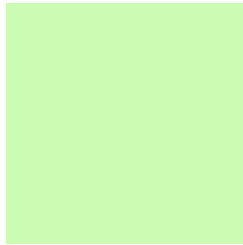
125, 0, 189



41, 0, 61

Previews

White Background



This preview shows how the RGB color 204, 251, 180 looks on a white background.

Color Contrast Check

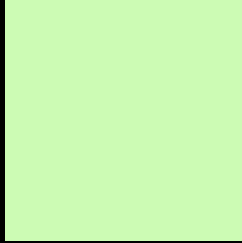
Large Text (above 18pt) WCAG AA × Fail

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, 251, 180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

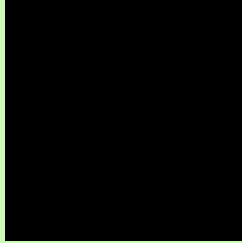
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

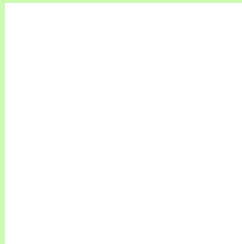
Any Text WCAG AAA ✓ Pass

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

RGB 204, 251, 180 Background



This preview shows how black text looks on a background with the RGB color 204, 251, 180.

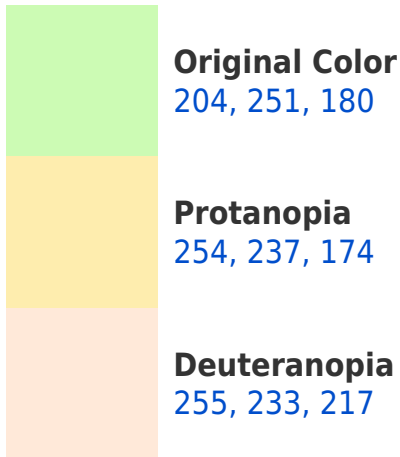


This preview shows how white text looks on a background with the RGB color 204, 251, 180.

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

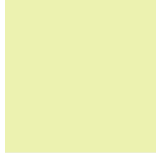
221, 240, 255

Trichromacy



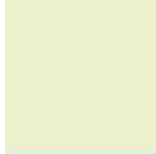
Original Color

204, 251, 180



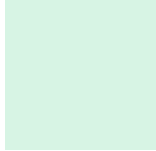
Protanomaly

236, 242, 176



Deuteranomaly

236, 240, 204



Tritanomaly

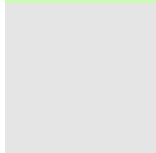
215, 244, 228

Monochromacy



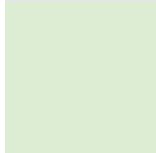
Original Color

204, 251, 180



Achromatopsia

229, 229, 229



Achromatomaly

220, 237, 211

CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 251, 180 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, 251, 180)` looks like.

```
.text, #text, p{  
    color:rgb(204, 251, 180)  
}
```

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, 251, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 251, 180) }
```

Border

The CSS property to change the border of an element to RGB 204, 251, 180 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, 251, 180) }
```

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

```
.border{ border-color:rgb(204, 251, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 251, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 251, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 251, 180);  
box-shadow:4px 4px 4px 4px rgb(204, 251,  
180) }
```

Background

The CSS property to change the background color of an element to RGB 204, 251, 180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 251, 180) }
```

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

```
.background{ background-color: rgb(204,  
251, 180) }
```

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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