

Converting Colors

RGB(221, 250, 204)

Have a look what the booklet for
RGB(221, 250, 204) contains.

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Color

RGB(221, 250, 204)

Conversions

Conversions Part 1

Format	Color
Hex	DDFACC
RGB	221, 250, 204
RGB Percent	87%, 98%, 80%
CMY	0.1333, 0.0196, 0.2000
CMYK	0.12, 0.00, 0.18, 0.02
HSL	98°, 82%, 89%
HSV	98°, 18%, 98%
XYZ	74.9035, 88.1030, 70.1845
YIQ	236.0850, -2.5180, -20.4540

Conversions

Conversions Part 2

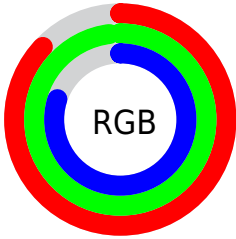
Format	Color
RYB	204, 250, 233
Decimal	14547660
CIELab	95.20, -17.49, 18.97
CIELCh	95, 25.799, 132.680
Yxy	88.1030, 0.3212, 0.3778
Android (android.graphics.Color)	4292737740 (0xFFDDFACC)
YUV	236.0850, -15.8179, -13.2295
Hunter-Lab	93.8632, -21.8164, 21.3712

Details

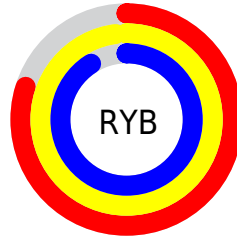
The RGB color **221, 250, 204** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **233, 204, 250**, and the grayscale version is **236, 236, 236**.

A 20% lighter version of the original color is **255, 255, 255**, and **166, 193, 150** is the 20% darker color. If you saturate the color by 10%, you get **205, 250, 179**, and if you desaturate by 10%, it is **237, 250, 229**.

Distribution



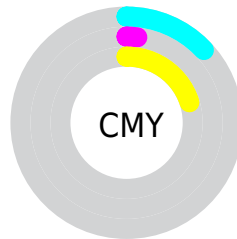
- Red (87%)
- Green (98%)
- Blue (80%)



- Red (80%)
- Yellow (98%)
- Blue (91%)



- Cyan (12%)
- Magenta (0%)
- Yellow (18%)
- Black (2%)



- Cyan (13%)
- Magenta (2%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 221, 250, 204 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 221, 250, 204 by changing the saturation by 10% instead.

■ 221, 250, 204

255, 255, 255

■ 221, 250, 204

■ 193, 221, 176

■ 166, 193, 150

■ 139, 166, 124

■ 113, 140, 99

■ 88, 114, 75

■ 64, 90, 52

■ 42, 66, 30

■ 20, 44, 7

■ 0, 25, 0

 221, 250, 204

 221, 250, 204

 205, 250, 179

 237, 250, 229


 189, 250, 154


 253, 250, 254


 174, 250, 129


 255, 250, 255

 158, 250, 104

 142, 250, 79

 126, 250, 54

 111, 250, 29

 95, 250, 4

 92, 250, 0

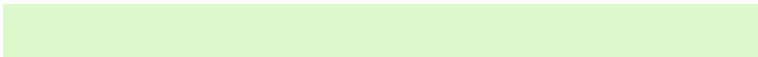
Harmonies

Analogous

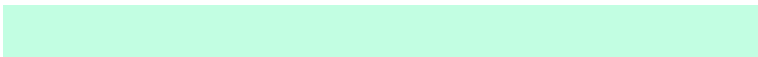
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



249, 243, 192



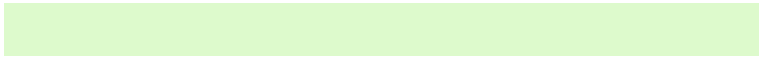
221, 250, 204



194, 254, 226

Triad

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



221, 250, 204



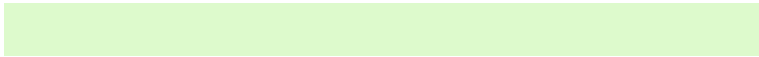
195, 248, 255



255, 224, 231

Complementary

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



221, 250, 204



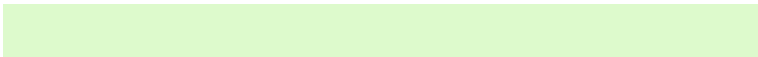
233, 204, 250

Split Complementary

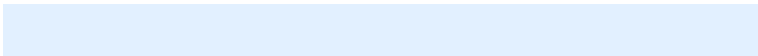
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 225, 255



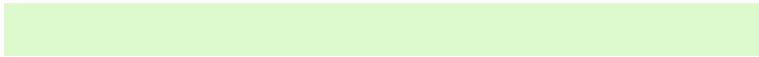
221, 250, 204



226, 240, 255

Square

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



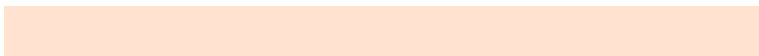
221, 250, 204



175, 253, 255



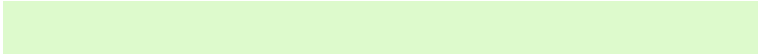
255, 231, 255



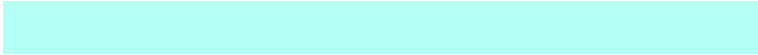
255, 227, 208

Rectangle

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



221, 250, 204



180, 255, 243



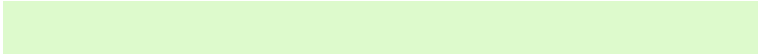
255, 231, 255



255, 224, 240

Sweetspot

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



221, 250, 204



245, 255, 240



250, 232, 204



122, 128, 119



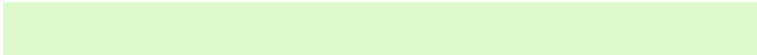
0, 0, 0



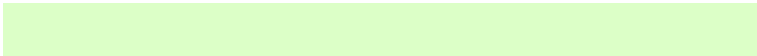
128, 128, 128

Same Dimension

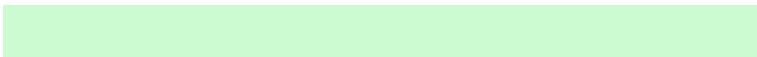
The Same Dimension uses a secret algorithm to generate beautiful new colors.



221, 250, 204



220, 255, 199



204, 250, 209



117, 125, 112



70, 189, 0



23, 61, 0

Inverse Universe

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



233, 204, 250



234, 199, 255



250, 204, 245



120, 112, 125



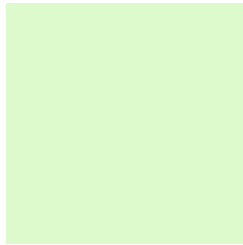
119, 0, 189



39, 0, 61

Previews

White Background



This preview shows how the RGB color 221, 250, 204 looks on a white background.

Color Contrast Check

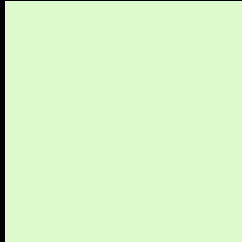
Large Text (above 18pt) WCAG AA × Fail

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 221, 250, 204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

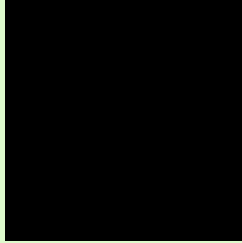
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

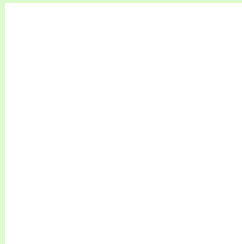
Any Text WCAG AAA ✓ Pass

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

RGB 221, 250, 204 Background



This preview shows how black text looks on a background with the RGB color 221, 250, 204.

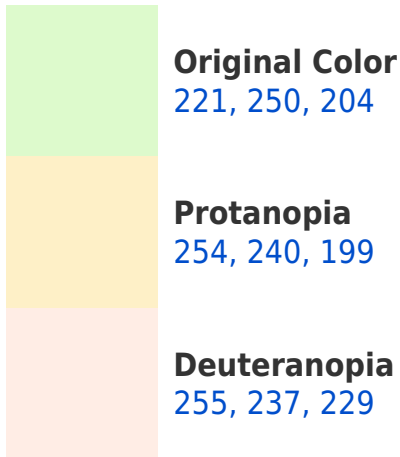


This preview shows how white text looks on a background with the RGB color 221, 250, 204.

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

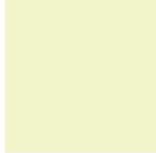
233, 242, 255

Trichromacy



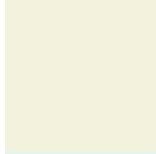
Original Color

221, 250, 204



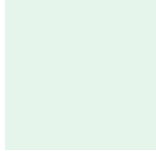
Protanomaly

242, 244, 201



Deuteranomaly

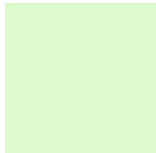
243, 242, 220



Tritanomaly

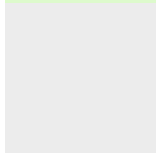
229, 245, 236

Monochromacy



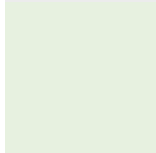
Original Color

221, 250, 204



Achromatopsia

236, 236, 236



Achromatomaly

231, 241, 224

CSS Examples

Text

The CSS property to change the color of the text to RGB 221, 250, 204 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(221, 250, 204)` looks like.

```
.text, #text, p{  
    color:rgb(221, 250, 204)  
}
```

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(221, 250, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 250, 204) }
```

Border

The CSS property to change the border of an element to RGB 221, 250, 204 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(221, 250, 204) }
```

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

```
.border{ border-color:rgb(221, 250, 204) }
```

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

Here you see how a box with a 4 pixel rgb(221, 250, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 250, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 250, 204);  
box-shadow:4px 4px 4px 4px rgb(221, 250,  
204) }
```

Background

The CSS property to change the background color of an element to RGB 221, 250, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 250, 204) }
```

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

```
.background{ background-color: rgb(221,  
250, 204) }
```

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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