

Converting Colors

RGB(221, 251, 203)

Have a look what the booklet for
RGB(221, 251, 203) contains.

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Color

RGB(221, 251, 203)

Conversions

Conversions Part 1	
Format	Color
Hex	DDFBCB
RGB	221, 251, 203
RGB Percent	87%, 98%, 80%
CMY	0.1333, 0.0157, 0.2039
CMYK	0.12, 0.00, 0.19, 0.02
HSL	97°, 86%, 89%
HSV	97°, 19%, 98%
XYZ	75.0955, 88.6783, 69.6586
YIQ	236.5580, -2.4720, -21.2880

Conversions

Conversions Part 2

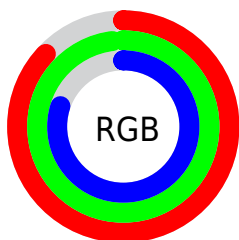
Format	Color
RYB	203, 251, 233
Decimal	14547915
CIELab	95.45, -18.14, 19.82
CIELCh	95, 26.862, 132.467
Yxy	88.6783, 0.3217, 0.3799
Android (android.graphics.Color)	4292737995 (0xFFDDFBCB)
YUV	236.5580, -16.5441, -13.6444
Hunter-Lab	94.1692, -22.4507, 22.0606

Details

The RGB color **221, 251, 203** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **233, 203, 251**, and the grayscale version is **237, 237, 237**.

A 20% lighter version of the original color is **255, 255, 255**, and **166, 194, 149** is the 20% darker color. If you saturate the color by 10%, you get **205, 251, 178**, and if you desaturate by 10%, it is **237, 251, 228**.

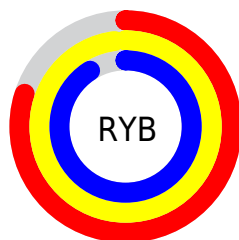
Distribution



Red (87%)

Green (98%)

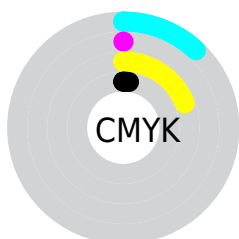
Blue (80%)



Red (80%)

Yellow (98%)

Blue (91%)

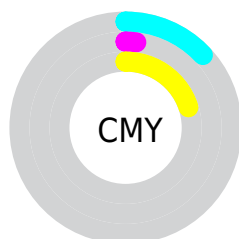


Cyan (12%)

Magenta (0%)

Yellow (19%)

Black (2%)



Cyan (13%)

Magenta (2%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 221, 251, 203 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, 251, 203 by changing the saturation by 10% instead.

 221, 251, 203


255, 255, 255

 221, 251, 203

 193, 222, 175


 166, 194, 149

 139, 167, 123

 113, 141, 98

 88, 115, 74

 64, 90, 51

 41, 67, 29

 20, 44, 5

 0, 26, 0

 221, 251, 203

 221, 251, 203

 205, 251, 178

 237, 251, 228


 190, 251, 153

 252, 251, 253


 174, 251, 128


 255, 251, 255

 158, 251, 103

 143, 251, 78

 127, 251, 52

 111, 251, 27

 96, 251, 2

 94, 251, 0

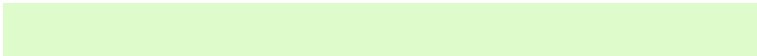
Harmonies

Analogous

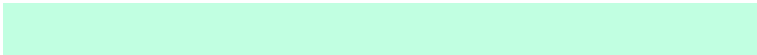
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



251, 244, 191



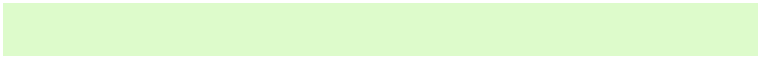
221, 251, 203



193, 255, 225

Triad

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



221, 251, 203



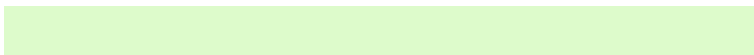
193, 249, 255



255, 224, 232

Complementary

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



221, 251, 203



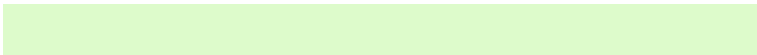
233, 203, 251

Split Complementary

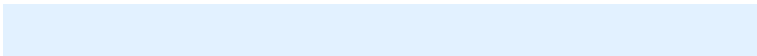
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 225, 255



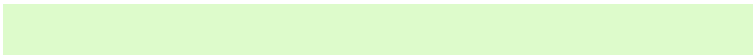
221, 251, 203



226, 241, 255

Square

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



221, 251, 203



172, 255, 255



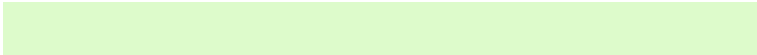
255, 232, 255



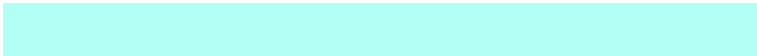
255, 227, 208

Rectangle

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



221, 251, 203



178, 255, 243



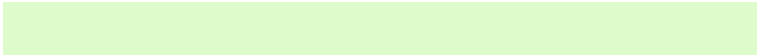
255, 232, 255



255, 223, 241

Sweetspot

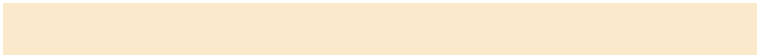
The Sweet Spot groups the original color and five complimentary colors.



221, 251, 203



245, 255, 240



251, 233, 203



122, 128, 119



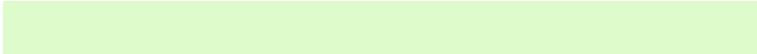
0, 0, 0



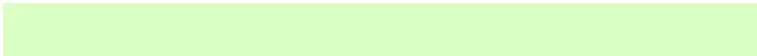
128, 128, 128

Same Dimension

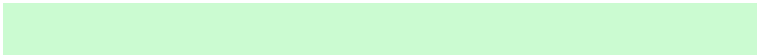
The Same Dimension uses a secret algorithm to generate beautiful new colors.



221, 251, 203



218, 255, 196



203, 251, 209



117, 125, 112



71, 189, 0



23, 61, 0

Inverse Universe

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



233, 203, 251



233, 196, 255



251, 203, 245



120, 112, 125



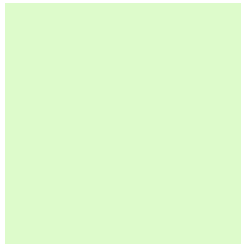
118, 0, 189



38, 0, 61

Previews

White Background



This preview shows how the RGB color 221, 251, 203 looks on a white background.

Color Contrast Check

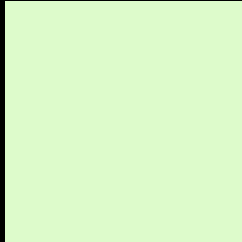
Large Text (above 18pt) WCAG AA × Fail

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, 251, 203 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

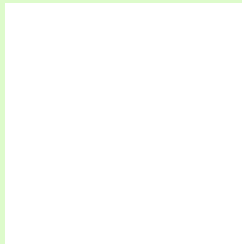
Any Text WCAG AAA ✓ Pass

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

RGB 221, 251, 203 Background



This preview shows how black text looks on a background with the RGB color 221, 251, 203.

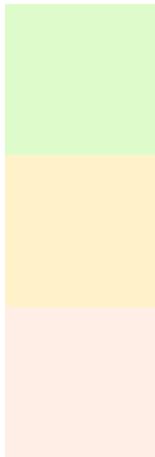


This preview shows how white text looks on a background with the RGB color 221, 251, 203.

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
221, 251, 203

Protanopia
255, 241, 200

Deuteranopia
255, 238, 230



Tritanopia

234, 242, 255

Trichromacy

	Original Color 221, 251, 203
	Protanomaly 243, 245, 201
	Deuteranomaly 243, 243, 220
	Tritanomaly 229, 245, 236

Monochromacy

	Original Color 221, 251, 203
	Achromatopsia 237, 237, 237
	Achromatomaly 231, 242, 225

CSS Examples

Text

The CSS property to change the color of the text to RGB 221, 251, 203 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, 251, 203)` looks like.

```
.text, #text, p{  
    color:rgb(221, 251, 203)  
}
```

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, 251, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 251, 203) }
```

Border

The CSS property to change the border of an element to RGB 221, 251, 203 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, 251, 203) }
```

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

```
.border{ border-color:rgb(221, 251, 203) }
```

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

Here you see how a box with a 4 pixel rgb(221, 251, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 251, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 251, 203);  
box-shadow:4px 4px 4px 4px rgb(221, 251,  
203) }
```

Background

The CSS property to change the background color of an element to RGB 221, 251, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 251, 203) }
```

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

```
.background{ background-color: rgb(221,  
251, 203) }
```

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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