

Converting Colors

RGB(213, 220, 201)

Have a look what the booklet for
RGB(213, 220, 201) contains.

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Color

RGB(213, 220, 201)

Conversions

Conversions Part 1	
Format	Color
Hex	D5DCC9
RGB	213, 220, 201
RGB Percent	84%, 86%, 79%
CMY	0.1647, 0.1373, 0.2118
CMYK	0.03, 0.00, 0.09, 0.14
HSL	82°, 21%, 83%
HSV	82°, 9%, 86%
XYZ	63.5764, 69.5496, 65.3319
YIQ	215.7410, 1.9270, -7.3930

Conversions

Conversions Part 2

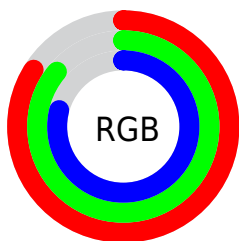
Format	Color
RYB	201, 220, 208
Decimal	14015689
CIELab	86.78, -5.72, 8.51
CIELCh	87, 10.255, 123.912
Yxy	69.5496, 0.3204, 0.3505
Android (android.graphics.Color)	4292205769 (0xFFD5DCC9)
YUV	215.7410, -7.2673, -2.4039
Hunter-Lab	83.3964, -9.8660, 11.9303

Details

The RGB color **213, 220, 201** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **208, 201, 220**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is 255, 255, 255, and **158, 165, 147** is the 20% darker color. If you saturate the color by 10%, you get **205, 220, 179**, and if you desaturate by 10%, it is **221, 220, 223**.

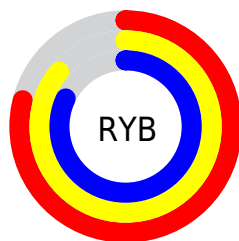
Distribution



Red (84%)

Green (86%)

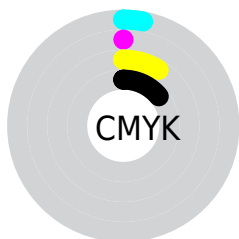
Blue (79%)



Red (79%)

Yellow (86%)

Blue (82%)

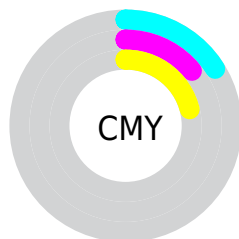


Cyan (3%)

Magenta (0%)

Yellow (9%)

Black (14%)



Cyan (16%)

Magenta (14%)

Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the RGB color 213, 220, 201 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 213, 220, 201 by changing the saturation by 10% instead.

 213, 220, 201

255, 255, 255

 213, 220, 201

 185, 192, 174

 158, 165, 147


 132, 139, 121

 107, 113, 96

 83, 89, 73

 60, 65, 50

 38, 43, 29


 18, 23, 4

 0, 0, 0

 213, 220, 201

 213, 220, 201

 205, 220, 179

 221, 220, 223

 197, 220, 157

 229, 220, 245

 189, 220, 135

 237, 220, 255

 181, 220, 113

 245, 220, 255


 172, 220, 91

 254, 220, 255

 164, 220, 69

 255, 220, 255

 156, 220, 47

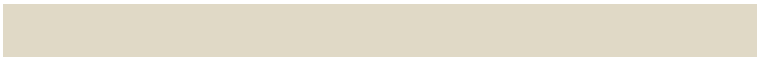
 148, 220, 25

 140, 220, 3

Harmonies

Analogous

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



224, 217, 198



213, 220, 201



202, 222, 208

Triad

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



213, 220, 201



199, 221, 234



238, 211, 216

Complementary

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



213, 220, 201



208, 201, 220

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.



231, 212, 226



213, 220, 201



209, 218, 236

Square

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



213, 220, 201



194, 223, 228



221, 214, 233



238, 212, 207

Rectangle

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



213, 220, 201



197, 223, 215



221, 214, 233



236, 211, 220

Sweetspot

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



213, 220, 201



252, 255, 247



220, 208, 201



126, 128, 122



0, 0, 0



128, 128, 128

Same Dimension

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



213, 220, 201



246, 255, 230



204, 220, 201



106, 110, 99



110, 173, 0



29, 46, 0

Inverse Universe

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



208, 201, 220



239, 230, 255



217, 201, 220



103, 99, 110



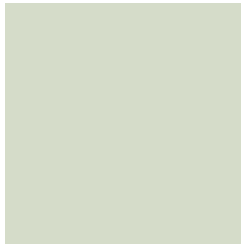
64, 0, 173



17, 0, 46

Previews

White Background



This preview shows how the RGB color 213, 220, 201 looks on a white background.

Color Contrast Check

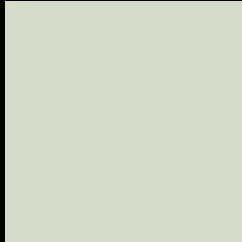
Large Text (above 18pt) WCAG AA × Fail

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 213, 220, 201 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

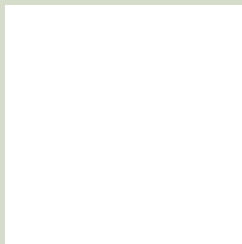
Any Text WCAG AAA ✓ Pass

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

RGB 213, 220, 201 Background



This preview shows how black text looks on a background with the RGB color 213, 220, 201.



This preview shows how white text looks on a background with the RGB color 213, 220, 201.

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
213, 220, 201

Protanopia
225, 216, 199

Deuteranopia
243, 210, 203



Tritanopia

218, 215, 232

Trichromacy

	Original Color 213, 220, 201
	Protanomaly 221, 217, 200
	Deuteranomaly 232, 214, 202
	Tritanomaly 216, 217, 221

Monochromacy

	Original Color 213, 220, 201
	Achromatopsia 216, 216, 216
	Achromatomaly 215, 217, 211

CSS Examples

Text

The CSS property to change the color of the text to RGB 213, 220, 201 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(213, 220, 201) looks like.

```
.text, #text, p{  
    color:rgb(213, 220, 201)  
}
```

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(213, 220, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 220, 201) }
```

Border

The CSS property to change the border of an element to RGB 213, 220, 201 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(213, 220, 201) }
```

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

```
.border{ border-color:rgb(213, 220, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 220, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 220, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 220, 201);  
box-shadow:4px 4px 4px 4px rgb(213, 220,  
201) }
```

Background

The CSS property to change the background color of an element to RGB 213, 220, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 220, 201) }
```

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

```
.background{ background-color: rgb(213,  
220, 201) }
```

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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