

Converting Colors

RGB(221, 235, 202)

Have a look what the booklet for
RGB(221, 235, 202) contains.

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Color

RGB(221, 235, 202)

Conversions

Conversions Part 1

Format	Color
Hex	DDEBCA
RGB	221, 235, 202
RGB Percent	87%, 92%, 79%
CMY	0.1333, 0.0784, 0.2078
CMYK	0.06, 0.00, 0.14, 0.08
HSL	85°, 45%, 86%
HSV	85°, 14%, 92%
XYZ	70.1878, 79.0531, 67.4366
YIQ	227.0520, 2.2490, -13.2310

Conversions

Conversions Part 2

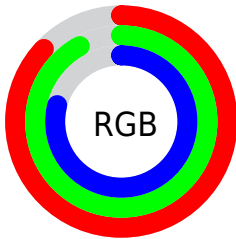
Format	Color
RYB	202, 235, 216
Decimal	14543818
CIELab	91.26, -10.38, 14.45
CIElCh	91, 17.792, 125.705
Yxy	79.0531, 0.3239, 0.3648
Android (android.graphics.Color)	4292733898 (0xFFDDEBCA)
YUV	227.0520, -12.3506, -5.3076
Hunter-Lab	88.9118, -14.6861, 17.2688

Details

The RGB color **221, 235, 202** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **216, 202, 235**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is 255, 255, 255, and **166, 179, 148** is the 20% darker color. If you saturate the color by 10%, you get **211, 235, 179**, and if you desaturate by 10%, it is **231, 235, 226**.

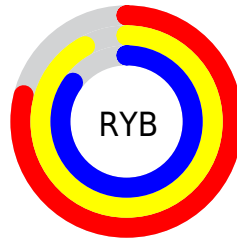
Distribution



Red (87%)

Green (92%)

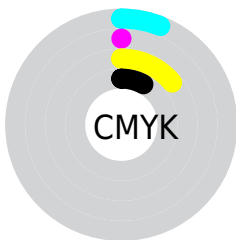
Blue (79%)



Red (79%)

Yellow (92%)

Blue (85%)

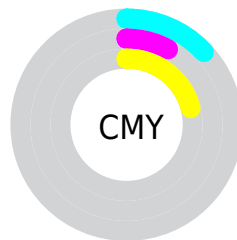


Cyan (6%)

Magenta (0%)

Yellow (14%)

Black (8%)



Cyan (13%)

Magenta (8%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RGB color 221, 235, 202 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, 235, 202 by changing the saturation by 10% instead.

■ 221, 235, 202

255, 255, 255

■ 221, 235, 202

■ 193, 207, 175

■ 166, 179, 148

■ 139, 152, 122

■ 114, 127, 97

■ 89, 102, 73

■ 65, 78, 51

■ 43, 55, 29


■ 23, 33, 5


■ 0, 9, 0

 221, 235, 202


 221, 235, 202

 211, 235, 179


 231, 235, 226

 201, 235, 155


 241, 235, 249


 191, 235, 132


 251, 235, 255


 181, 235, 108

 255, 235, 255

 171, 235, 85

 161, 235, 61

 151, 235, 37

 141, 235, 14

 135, 235, 0

Harmonies

Analogous

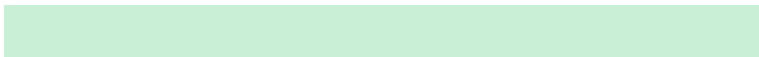
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



240, 230, 196



221, 235, 202



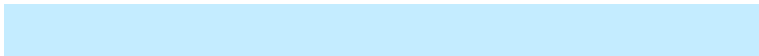
202, 239, 215

Triad

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



221, 235, 202



196, 236, 255



255, 218, 227

Complementary

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



221, 235, 202



216, 202, 235

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, 220, 244



221, 235, 202



216, 230, 255

Square

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



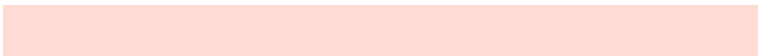
221, 235, 202



186, 239, 249



237, 225, 255



255, 220, 211

Rectangle

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



221, 235, 202



192, 240, 227



237, 225, 255



255, 218, 233

Sweetspot

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



221, 235, 202



251, 255, 245



235, 216, 202



125, 128, 121



0, 0, 0



128, 128, 128

Same Dimension

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



221, 235, 202



237, 255, 212



205, 235, 202



112, 117, 106



104, 181, 0



31, 54, 0

Inverse Universe

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



216, 202, 235



230, 212, 255



232, 202, 235



111, 106, 117



77, 0, 181



23, 0, 54

Previews

White Background



This preview shows how the RGB color 221, 235, 202 looks on a white background.

Color Contrast Check

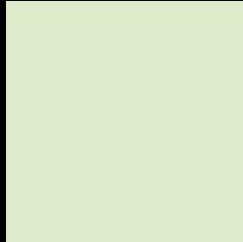
Large Text (above 18pt) WCAG AA × Fail

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, 235, 202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

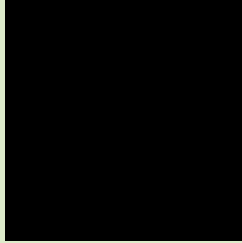
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

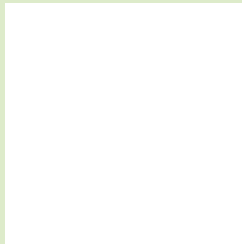
Any Text WCAG AAA ✓ Pass

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

RGB 221, 235, 202 Background



This preview shows how black text looks on a background with the RGB color 221, 235, 202.



This preview shows how white text looks on a background with the RGB color 221, 235, 202.

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

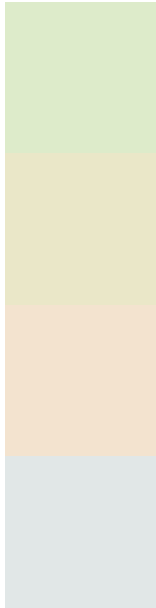




Tritanopia

228, 229, 247

Trichromacy



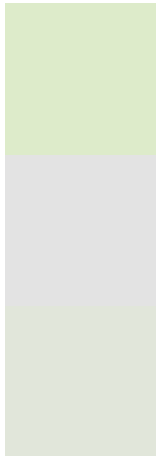
Original Color
221, 235, 202

Protanomaly
234, 231, 200

Deuteranomaly
243, 227, 207

Tritanomaly
225, 231, 231

Monochromacy



Original Color
221, 235, 202

Achromatopsia
227, 227, 227

Achromatomaly
225, 230, 218

CSS Examples

Text

The CSS property to change the color of the text to RGB 221, 235, 202 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, 235, 202)` looks like.

```
.text, #text, p{  
    color:rgb(221, 235, 202)  
}
```

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, 235, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 235, 202) }
```

Border

The CSS property to change the border of an element to RGB 221, 235, 202 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, 235, 202) }
```

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

```
.border{ border-color:rgb(221, 235, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 235, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 235, 202); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 235, 202); box-shadow:4px 4px 4px 4px rgb(221, 235, 202) }
```

Background

The CSS property to change the background color of an element to RGB 221, 235, 202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 235, 202) }
```

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

```
.background{ background-color: rgb(221,  
235, 202) }
```

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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