

Converting Colors

RGB(211, 236, 171)

Have a look what the booklet for
RGB(211, 236, 171) contains.

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Color

RGB(211, 236, 171)

Conversions

Conversions Part 1

Format	Color
Hex	D3ECAB
RGB	211, 236, 171
RGB Percent	83%, 93%, 67%
CMY	0.1725, 0.0745, 0.3294
CMYK	0.11, 0.00, 0.28, 0.07
HSL	83°, 63%, 80%
HSV	83°, 28%, 93%
XYZ	64.2101, 76.7801, 49.9639
YIQ	221.1150, 5.9650, -25.5150

Conversions

Conversions Part 2

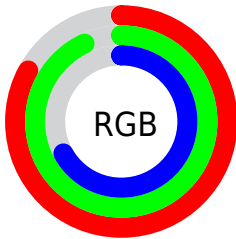
Format	Color
RYB	171, 236, 196
Decimal	13888683
CIELab	90.22, -19.12, 28.88
CIELCh	90, 34.633, 123.513
Yxy	76.7801, 0.3363, 0.4021
Android (android.graphics.Color)	4292078763 (0xFFD3ECAB)
YUV	221.1150, -24.7067, -8.8709
Hunter-Lab	87.6242, -22.5395, 27.5294

Details

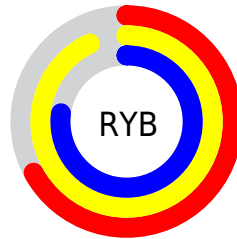
The RGB color **211, 236, 171** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **196, 171, 236**, and the grayscale version is **221, 221, 221**.

A 20% lighter version of the original color is **255, 255, 227**, and **156, 180, 118** is the 20% darker color. If you saturate the color by 10%, you get **202, 236, 147**, and if you desaturate by 10%, it is **220, 236, 195**.

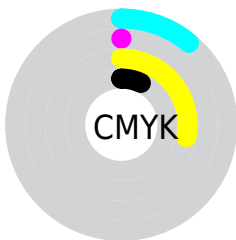
Distribution



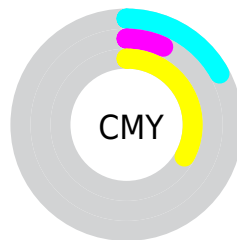
- Red (83%)
- Green (93%)
- Blue (67%)



- Red (67%)
- Yellow (93%)
- Blue (77%)



- Cyan (11%)
- Magenta (0%)
- Yellow (28%)
- Black (7%)




- Cyan (17%)
- Magenta (7%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the RGB color 211, 236, 171 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 211, 236, 171 by changing the saturation by 10% instead.

 211, 236, 171

255, 255, 255


 255, 255, 227

 211, 236, 171

 183, 208, 144

 156, 180, 118

 129, 153, 93

 104, 127, 69

 79, 102, 46

 55, 78, 23

 32, 55, 0

 6, 34, 0

 0, 2, 0

 211, 236, 171

 211, 236, 171

 202, 236, 147


 220, 236, 195

 193, 236, 124

 229, 236, 218

 184, 236, 100

 238, 236, 242

 175, 236, 77

 247, 236, 255

 166, 236, 53

 255, 236, 255

 157, 236, 29

 147, 236, 6

 145, 236, 0

Harmonies

Analogous

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



247, 226, 161



211, 236, 171



173, 243, 196

Triad

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



211, 236, 171



146, 238, 255



255, 203, 224

Complementary

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



211, 236, 171



196, 171, 236

Split Complementary

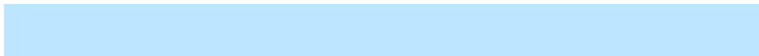
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 207, 255



211, 236, 171



190, 229, 255

Square

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



211, 236, 171



124, 244, 255



237, 217, 255



255, 206, 192

Rectangle

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



211, 236, 171



149, 245, 218



237, 217, 255



255, 203, 236

Sweetspot

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



211, 236, 171



247, 255, 235



236, 196, 171



123, 128, 115



0, 0, 0



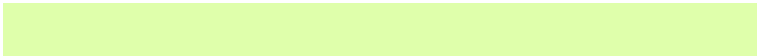
128, 128, 128

Same Dimension

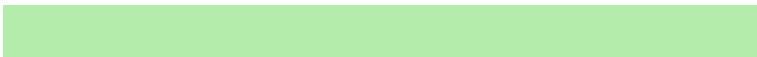
The Same Dimension uses a secret algorithm to generate beautiful new colors.



211, 236, 171



223, 255, 171



179, 236, 171



113, 117, 106



111, 181, 0



33, 54, 0

Inverse Universe

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



196, 171, 236



203, 171, 255



228, 171, 236



110, 106, 117



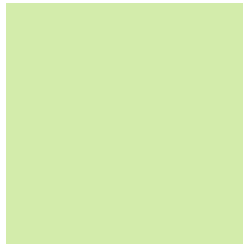
70, 0, 181



21, 0, 54

Previews

White Background



This preview shows how the RGB color 211, 236, 171 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 211, 236, 171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

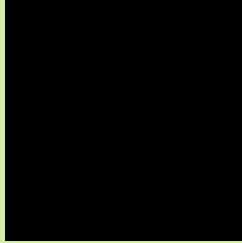
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

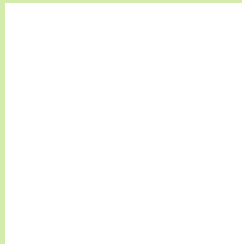
Any Text WCAG AAA ✓ Pass

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

RGB 211, 236, 171 Background



This preview shows how black text looks on a background with the RGB color 211, 236, 171.



This preview shows how white text looks on a background with the RGB color 211, 236, 171.

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](#).

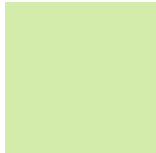
Dichromacy





Tritanopia
221, 226, 244

Trichromacy



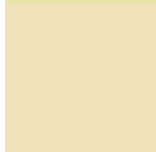
Original Color

211, 236, 171



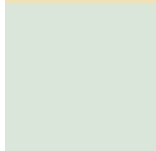
Protanomaly

231, 230, 168



Deuteranomaly

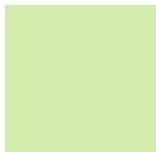
239, 226, 184



Tritanomaly

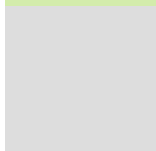
217, 230, 217

Monochromacy



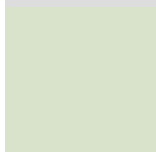
Original Color

211, 236, 171



Achromatopsia

221, 221, 221



Achromatomaly

217, 226, 203

CSS Examples

Text

The CSS property to change the color of the text to RGB 211, 236, 171 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(211, 236, 171)` looks like.

```
.text, #text, p{  
    color:rgb(211, 236, 171)  
}
```

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(211, 236, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 236, 171) }
```

Border

The CSS property to change the border of an element to RGB 211, 236, 171 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(211, 236, 171) }
```

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

```
.border{ border-color:rgb(211, 236, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 236, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(211, 236, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(211, 236, 171); box-shadow:4px 4px 4px 4px rgb(211, 236, 171) }
```

Background

The CSS property to change the background color of an element to RGB 211, 236, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 236, 171) }
```

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

```
.background{ background-color: rgb(211,  
236, 171) }
```

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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