

Converting Colors

RGB(203, 229, 171)

Have a look what the booklet for
RGB(203, 229, 171) contains.

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Color

RGB(203, 229, 171)

Conversions

Conversions Part 1

Format	Color
Hex	CBE5AB
RGB	203, 229, 171
RGB Percent	80%, 90%, 67%
CMY	0.2039, 0.1020, 0.3294
CMYK	0.11, 0.00, 0.25, 0.10
HSL	87°, 53%, 78%
HSV	87°, 25%, 90%
XYZ	59.9986, 71.6754, 49.2006
YIQ	214.6140, 3.1220, -23.5500

Conversions

Conversions Part 2

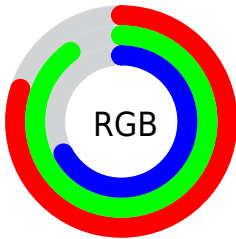
Format	Color
RYB	171, 229, 197
Decimal	13362603
CIELab	87.81, -18.55, 25.51
CIElCh	88, 31.545, 126.022
Yxy	71.6754, 0.3317, 0.3963
Android (android.graphics.Color)	4291552683 (0xFFCBE5AB)
YUV	214.6140, -21.5017, -10.1855
Hunter-Lab	84.6613, -21.6562, 24.8068

Details

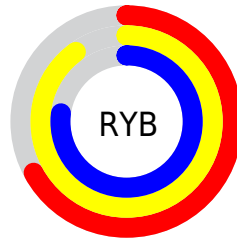
The RGB color **203, 229, 171** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **197, 171, 229**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **255, 255, 227**, and **148, 173, 118** is the 20% darker color. If you saturate the color by 10%, you get **193, 229, 148**, and if you desaturate by 10%, it is **213, 229, 194**.

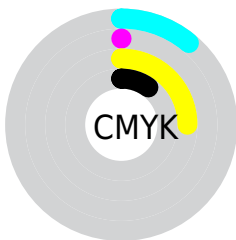
Distribution



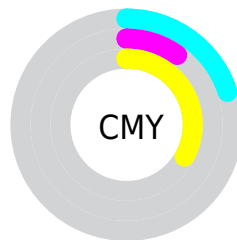
- Red (80%)
- Green (90%)
- Blue (67%)



- Red (67%)
- Yellow (90%)
- Blue (77%)



- Cyan (11%)
- Magenta (0%)
- Yellow (25%)
- Black (10%)



- Cyan (20%)
- Magenta (10%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 203, 229, 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 203, 229, 171 by changing the saturation by 10% instead.

 203, 229, 171


 203, 229, 171

255, 255, 255

 175, 201, 144

 255, 255, 227

 148, 173, 118

 122, 147, 93

 97, 121, 69

 72, 96, 46

 49, 72, 24

 27, 50, 0

 0, 30, 0

 0, 0, 0

 203, 229, 171

 203, 229, 171

 193, 229, 148


 213, 229, 194

 182, 229, 125

 224, 229, 217

 172, 229, 102


 234, 229, 240

 162, 229, 79


 244, 229, 255

 152, 229, 56

 254, 229, 255

 141, 229, 34

 255, 229, 255

 131, 229, 11

 126, 229, 0

Harmonies

Analogous

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



236, 220, 160



203, 229, 171



169, 235, 195

Triad

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



203, 229, 171



152, 230, 255



255, 198, 215

Complementary

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



203, 229, 171



197, 171, 229

Split Complementary

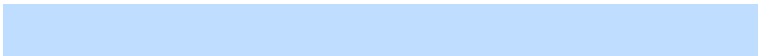
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 202, 245



203, 229, 171



191, 221, 255

Square

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



203, 229, 171



131, 235, 254



233, 210, 255



255, 202, 186

Rectangle

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



203, 229, 171



148, 237, 215



233, 210, 255



255, 199, 225

Sweetspot

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



203, 229, 171



246, 255, 235



229, 196, 171



122, 128, 115



0, 0, 0



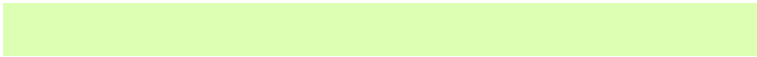
128, 128, 128

Same Dimension

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



203, 229, 171



221, 255, 179



175, 229, 171



110, 115, 103



98, 179, 0



28, 51, 0

Inverse Universe

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



197, 171, 229



213, 179, 255



225, 171, 229



108, 103, 115



80, 0, 179



23, 0, 51

Previews

White Background



This preview shows how the RGB color 203, 229, 171 looks on a white background.

Color Contrast Check

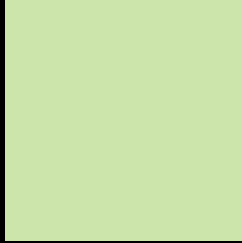
Large Text (above 18pt) WCAG AA × Fail

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 203, 229, 171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

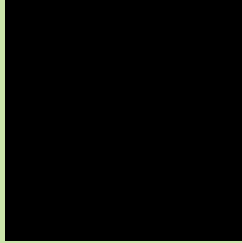
Any Text WCAG AA ✓ Pass

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 203, 229, 171 Background



This preview shows how black text looks on a background with the RGB color 203, 229, 171.

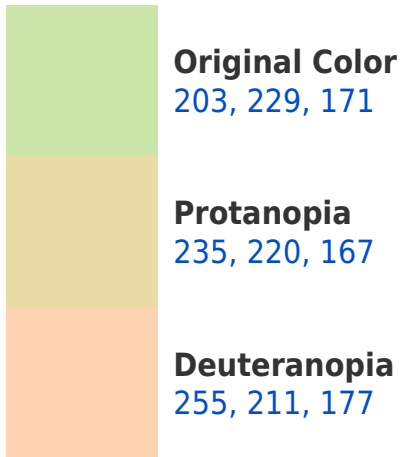


This preview shows how white text looks on a background with the RGB color 203, 229, 171.

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](#).

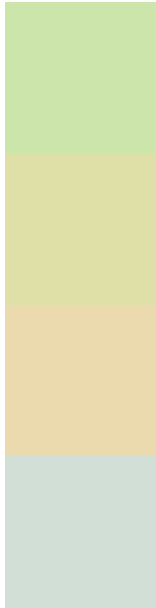
Dichromacy





Tritanopia
213, 220, 238

Trichromacy



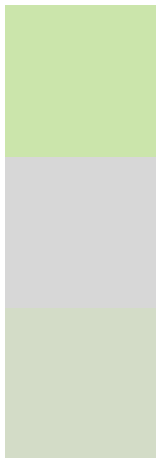
Original Color
203, 229, 171

Protanomaly
223, 223, 168

Deuteranomaly
236, 218, 175

Tritanomaly
209, 223, 214

Monochromacy



Original Color
203, 229, 171

Achromatopsia
215, 215, 215

Achromatomaly
211, 220, 199

CSS Examples

Text

The CSS property to change the color of the text to RGB 203, 229, 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(203, 229, 171)` looks like.

```
.text, #text, p{  
    color:rgb(203, 229, 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(203, 229, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 229, 171) }
```

Border

The CSS property to change the border of an element to RGB 203, 229, 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(203, 229, 171) }
```

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

```
.border{ border-color:rgb(203, 229, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 229, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 229, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 229, 171);  
box-shadow:4px 4px 4px 4px rgb(203, 229,  
171) }
```

Background

The CSS property to change the background color of an element to RGB 203, 229, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 229, 171) }
```

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

```
.background{ background-color: rgb(203,  
229, 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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