

Converting Colors

RGB(203, 227, 174)

Have a look what the booklet for
RGB(203, 227, 174) contains.

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Color

RGB(203, 227, 174)

Conversions

Conversions Part 1

Format	Color
Hex	CBE3AE
RGB	203, 227, 174
RGB Percent	80%, 89%, 68%
CMY	0.2039, 0.1098, 0.3176
CMYK	0.11, 0.00, 0.23, 0.11
HSL	87°, 49%, 79%
HSV	87°, 23%, 89%
XYZ	59.7377, 70.6907, 50.5406
YIQ	213.7820, 2.7090, -21.5710

Conversions

Conversions Part 2

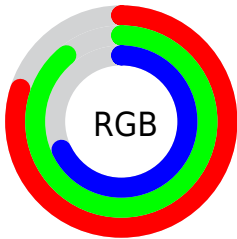
Format	Color
RYB	174, 227, 198
Decimal	13362094
CIELab	87.33, -17.12, 23.31
CIELCh	87, 28.918, 126.290
Yxy	70.6907, 0.3301, 0.3906
Android (android.graphics.Color)	4291552174 (0xFFCBE3AE)
YUV	213.7820, -19.6125, -9.4558
Hunter-Lab	84.0777, -20.3109, 23.2142

Details

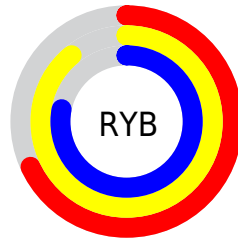
The RGB color **203, 227, 174** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **198, 174, 227**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is **255, 255, 230**, and **148, 172, 121** is the 20% darker color. If you saturate the color by 10%, you get **193, 227, 151**, and if you desaturate by 10%, it is **213, 227, 197**.

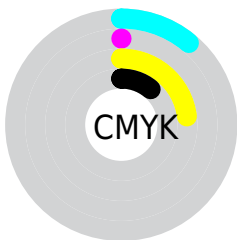
Distribution



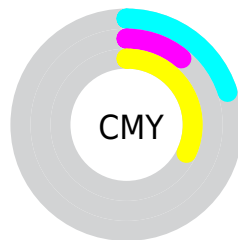
- Red (80%)
- Green (89%)
- Blue (68%)



- Red (68%)
- Yellow (89%)
- Blue (78%)



- Cyan (11%)
- Magenta (0%)
- Yellow (23%)
- Black (11%)



- Cyan (20%)
- Magenta (11%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RGB color 203, 227, 174 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, 227, 174 by changing the saturation by 10% instead.

 203, 227, 174

255, 255, 255

 255, 255, 230

 203, 227, 174

 175, 199, 147

 148, 172, 121

 122, 145, 96

 97, 119, 72

 73, 94, 49

 49, 71, 27

 27, 48, 3

 0, 28, 0

 0, 0, 0

 203, 227, 174

 203, 227, 174

 193, 227, 151


 213, 227, 197

 182, 227, 129


 224, 227, 219

 172, 227, 106


 234, 227, 242

 162, 227, 83


 244, 227, 255


 152, 227, 60

 254, 227, 255

 141, 227, 38

 255, 227, 255

 131, 227, 15

 124, 227, 0

Harmonies

Analogous

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



233, 219, 164



203, 227, 174



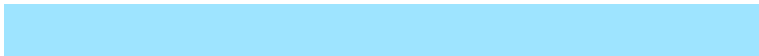
172, 232, 196

Triad

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



203, 227, 174



158, 228, 255



255, 199, 214

Complementary

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



203, 227, 174



198, 174, 227

Split Complementary

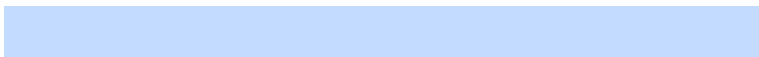
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 202, 242



203, 227, 174



194, 219, 255

Square

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



203, 227, 174



140, 233, 250



231, 210, 255



255, 202, 188

Rectangle

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



203, 227, 174



154, 234, 214



231, 210, 255



255, 199, 223

Sweetspot

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



203, 227, 174



247, 255, 237



227, 198, 174



123, 128, 117



0, 0, 0



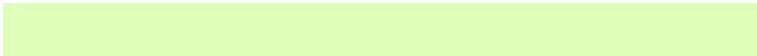
128, 128, 128

Same Dimension

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



203, 227, 174



223, 255, 184



177, 227, 174



110, 115, 103



98, 179, 0



28, 51, 0

Inverse Universe

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



198, 174, 227



216, 184, 255



224, 174, 227



108, 103, 115



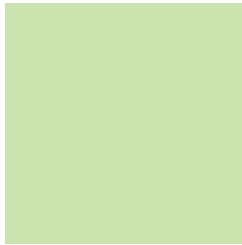
81, 0, 179



23, 0, 51

Previews

White Background



This preview shows how the RGB color 203, 227, 174 looks on a white background.

Color Contrast Check

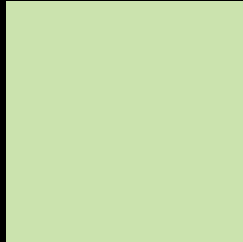
Large Text (above 18pt) WCAG AA × Fail

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, 227, 174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

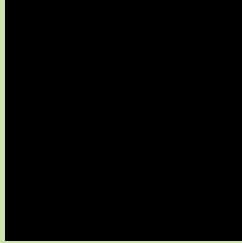
Any Text WCAG AA ✓ Pass

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, 227, 174 Background



This preview shows how black text looks on a background with the RGB color 203, 227, 174.

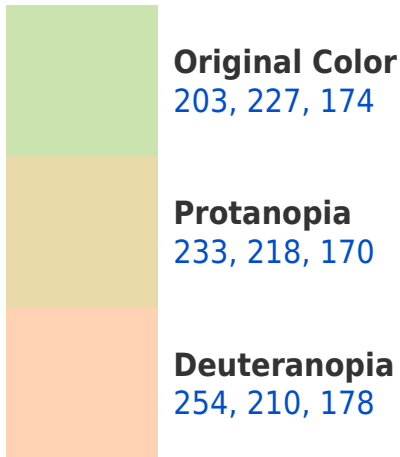


This preview shows how white text looks on a background with the RGB color 203, 227, 174.

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](#).

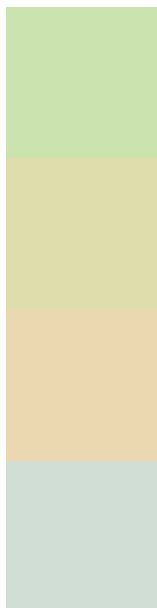
Dichromacy





Tritanopia
212, 219, 236

Trichromacy



Original Color

203, 227, 174

Protanomaly

222, 221, 171

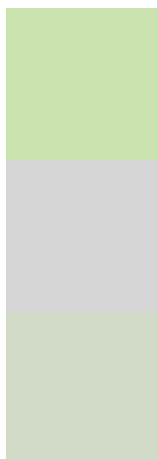
Deuteranomaly

235, 216, 177

Tritanomaly

209, 222, 213

Monochromacy



Original Color

203, 227, 174

Achromatopsia

214, 214, 214

Achromatomaly

210, 219, 199

CSS Examples

Text

The CSS property to change the color of the text to RGB 203, 227, 174 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, 227, 174)` looks like.

```
.text, #text, p{  
    color:rgb(203, 227, 174)  
}
```

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, 227, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 227, 174) }
```

Border

The CSS property to change the border of an element to RGB 203, 227, 174 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, 227, 174) }
```

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

```
.border{ border-color:rgb(203, 227, 174) }
```

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

Here you see how a box with a 4 pixel rgb(203, 227, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 227, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 227, 174);  
box-shadow:4px 4px 4px 4px rgb(203, 227,  
174) }
```

Background

The CSS property to change the background color of an element to RGB 203, 227, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 227, 174) }
```

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

```
.background{ background-color: rgb(203,  
227, 174) }
```

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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