

Converting Colors

RGB(201, 228, 175)

Have a look what the booklet for
RGB(201, 228, 175) contains.

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Color

RGB(201, 228, 175)

Conversions

Conversions Part 1

Format	Color
Hex	C9E4AF
RGB	201, 228, 175
RGB Percent	79%, 89%, 69%
CMY	0.2118, 0.1059, 0.3137
CMYK	0.12, 0.00, 0.23, 0.11
HSL	91°, 50%, 79%
HSV	91°, 23%, 89%
XYZ	59.5687, 70.9995, 51.1221
YIQ	213.8850, 0.9210, -22.2070

Conversions

Conversions Part 2

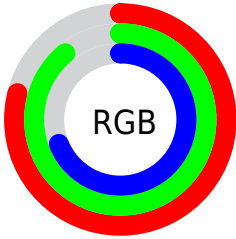
Format	Color
RYB	175, 228, 202
Decimal	13231279
CIELab	87.48, -18.17, 22.98
CIELCh	87, 29.291, 128.334
Yxy	70.9995, 0.3279, 0.3908
Android (android.graphics.Color)	4291421359 (0xFFC9E4AF)
YUV	213.8850, -19.1703, -11.3001
Hunter-Lab	84.2612, -21.2660, 23.0110

Details

The RGB color **201, 228, 175** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **202, 175, 228**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is **255, 255, 231**, and **147, 173, 122** is the 20% darker color. If you saturate the color by 10%, you get **189, 228, 152**, and if you desaturate by 10%, it is **213, 228, 198**.

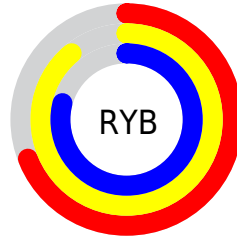
Distribution



Red (79%)

Green (89%)

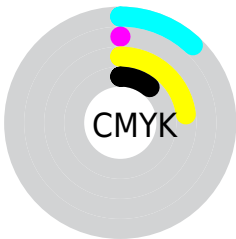
Blue (69%)



Red (69%)

Yellow (89%)

Blue (79%)

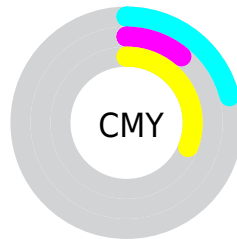


Cyan (12%)

Magenta (0%)

Yellow (23%)

Black (11%)



Cyan (21%)

Magenta (11%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 201, 228, 175 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 201, 228, 175 by changing the saturation by 10% instead.


 201, 228, 175


255, 255, 255

 255, 255, 231


 201, 228, 175


 173, 200, 148

 147, 173, 122

 120, 146, 97

 95, 120, 73

 71, 95, 50

 47, 71, 28

 25, 49, 4

 0, 29, 0

 0, 0, 0

 201, 228, 175

 201, 228, 175

 189, 228, 152


 213, 228, 198

 178, 228, 129


 224, 228, 221

 166, 228, 107


 236, 228, 243


 155, 228, 84

 247, 228, 255

 143, 228, 61

 255, 228, 255

 131, 228, 38

 120, 228, 15

 112, 228, 0

Harmonies

Analogous

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



232, 220, 164



201, 228, 175



170, 233, 198

Triad

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



201, 228, 175



160, 228, 255



255, 199, 212

Complementary

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



201, 228, 175



202, 175, 228

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, 240



201, 228, 175



196, 219, 255

Square

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



201, 228, 175



139, 233, 253



234, 209, 255



255, 203, 186

Rectangle

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



201, 228, 175



152, 235, 217



234, 209, 255



255, 199, 222

Sweetspot

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



201, 228, 175



246, 255, 237



228, 202, 175



122, 128, 117



0, 0, 0



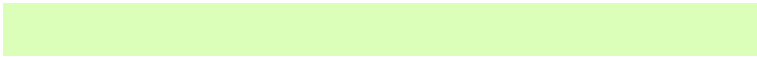
128, 128, 128

Same Dimension

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



201, 228, 175



219, 255, 184



175, 228, 175



109, 115, 103



88, 179, 0



25, 51, 0

Inverse Universe

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



202, 175, 228



220, 184, 255



228, 175, 228



109, 103, 115



91, 0, 179



26, 0, 51

Previews

White Background



This preview shows how the RGB color 201, 228, 175 looks on a white background.

Color Contrast Check

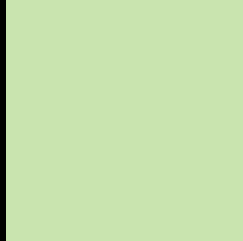
Large Text (above 18pt) WCAG AA × Fail

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 201, 228, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

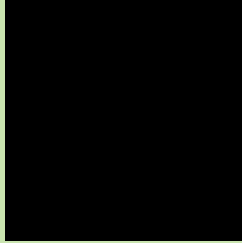
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

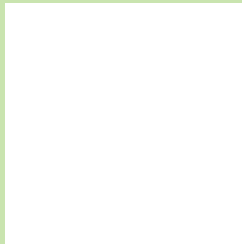
Any Text WCAG AAA ✓ Pass

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

RGB 201, 228, 175 Background



This preview shows how black text looks on a background with the RGB color 201, 228, 175.

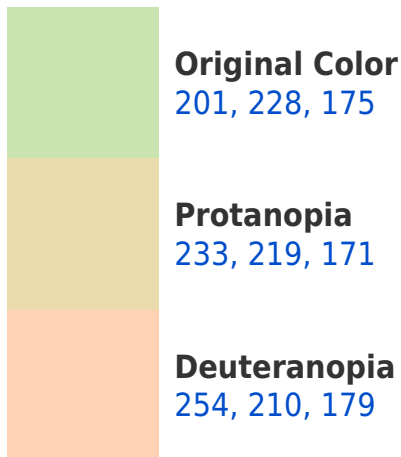


This preview shows how white text looks on a background with the RGB color 201, 228, 175.

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](#).

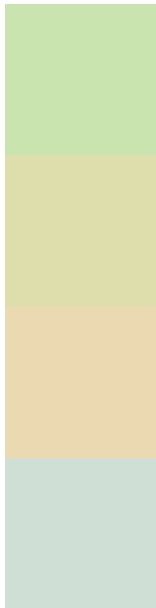
Dichromacy





Tritanopia
210, 220, 237

Trichromacy



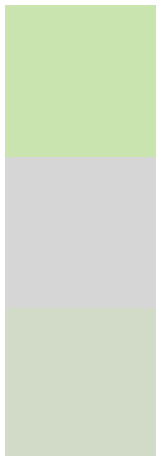
Original Color
201, 228, 175

Protanomaly
221, 222, 172

Deuteranomaly
235, 217, 178

Tritanomaly
207, 223, 214

Monochromacy



Original Color
201, 228, 175

Achromatopsia
214, 214, 214

Achromatomaly
209, 219, 200

CSS Examples

Text

The CSS property to change the color of the text to RGB 201, 228, 175 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(201, 228, 175)` looks like.

```
.text, #text, p{  
    color:rgb(201, 228, 175)  
}
```

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(201, 228, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 228, 175) }
```

Border

The CSS property to change the border of an element to RGB 201, 228, 175 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(201, 228, 175) }
```

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

```
.border{ border-color:rgb(201, 228, 175) }
```

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

Here you see how a box with a 4 pixel rgb(201, 228, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 228, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 228, 175);  
box-shadow:4px 4px 4px 4px rgb(201, 228,  
175) }
```

Background

The CSS property to change the background color of an element to RGB 201, 228, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 228, 175) }
```

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

```
.background{ background-color: rgb(201,  
228, 175) }
```

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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