

Converting Colors

RGB(206, 215, 177)

Have a look what the booklet for
RGB(206, 215, 177) contains.

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Color

RGB(206, 215, 177)

Conversions

Conversions Part 1

Format	Color
Hex	CED7B1
RGB	206, 215, 177
RGB Percent	81%, 84%, 69%
CMY	0.1922, 0.1569, 0.3059
CMYK	0.04, 0.00, 0.18, 0.16
HSL	74°, 32%, 77%
HSV	74°, 18%, 84%
XYZ	57.6898, 64.8970, 51.0808
YIQ	207.9770, 6.8340, -13.7260

Conversions

Conversions Part 2

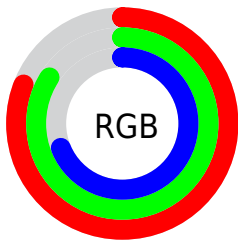
Format	Color
RYB	177, 215, 186
Decimal	13555633
CIELab	84.43, -9.55, 17.75
CIELCh	84, 20.158, 118.278
Yxy	64.8970, 0.3322, 0.3737
Android (android.graphics.Color)	4291745713 (0xFFCED7B1)
YUV	207.9770, -15.2717, -1.7338
Hunter-Lab	80.5587, -13.1499, 18.7964

Details

The RGB color **206, 215, 177** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **186, 177, 215**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is **255, 255, 233**, and **152, 160, 124** is the 20% darker color. If you saturate the color by 10%, you get **201, 215, 156**, and if you desaturate by 10%, it is **211, 215, 199**.

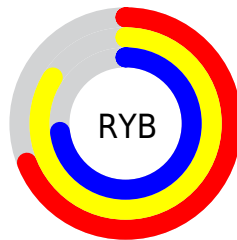
Distribution



Red (81%)

Green (84%)

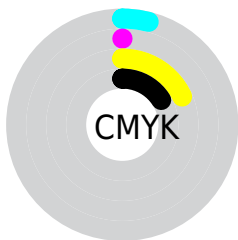
Blue (69%)



Red (69%)

Yellow (84%)

Blue (73%)

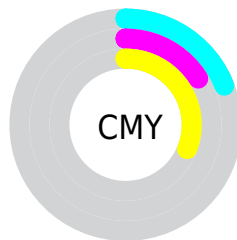


Cyan (4%)

Magenta (0%)

Yellow (18%)

Black (16%)



Cyan (19%)

Magenta (16%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 206, 215, 177 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 206, 215, 177 by changing the saturation by 10% instead.


 206, 215, 177


255, 255, 255

 255, 255, 233

 206, 215, 177

 178, 187, 150

 152, 160, 124

 125, 134, 99

 100, 109, 75

 76, 85, 52

 53, 61, 31

 32, 40, 8


 0, 20, 0

 0, 0, 0

 206, 215, 177

 206, 215, 177


 201, 215, 156

 211, 215, 199

 196, 215, 134


 216, 215, 220


 191, 215, 113


 221, 215, 242

 186, 215, 91


 226, 215, 255

 181, 215, 70

 231, 215, 255

 175, 215, 48

 237, 215, 255

 170, 215, 27

 242, 215, 255

 165, 215, 5

 247, 215, 255

 164, 215, 0

 252, 215, 255

Harmonies

Analogous

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



227, 209, 173



206, 215, 177



184, 220, 190

Triad

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



206, 215, 177



168, 218, 242



248, 198, 212

Complementary

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



206, 215, 177



186, 177, 215

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.



235, 201, 231



206, 215, 177



188, 213, 248

Square

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



206, 215, 177



160, 221, 228



213, 206, 244



250, 198, 194

Rectangle

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



206, 215, 177



172, 221, 202



213, 206, 244



245, 198, 219

Sweetspot

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



206, 215, 177



252, 255, 242



215, 186, 177



126, 128, 120



0, 0, 0



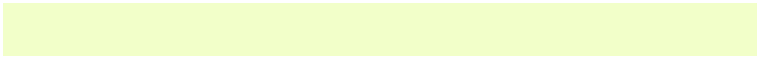
128, 128, 128

Same Dimension

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



206, 215, 177



242, 255, 201



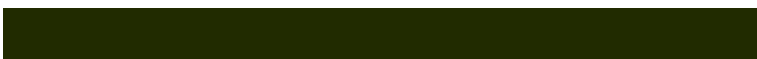
187, 215, 177



105, 107, 96



130, 171, 0



33, 43, 0

Inverse Universe

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



186, 177, 215



214, 201, 255



205, 177, 215



99, 96, 107



40, 0, 171



10, 0, 43

Previews

White Background



This preview shows how the RGB color 206, 215, 177 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 206, 215, 177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

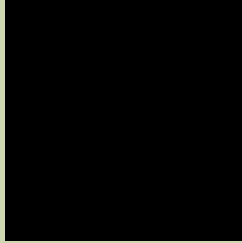
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

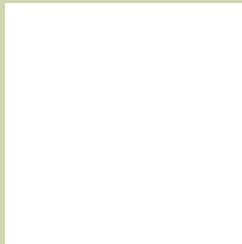
Any Text WCAG AAA ✓ Pass

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

RGB 206, 215, 177 Background



This preview shows how black text looks on a background with the RGB color 206, 215, 177.

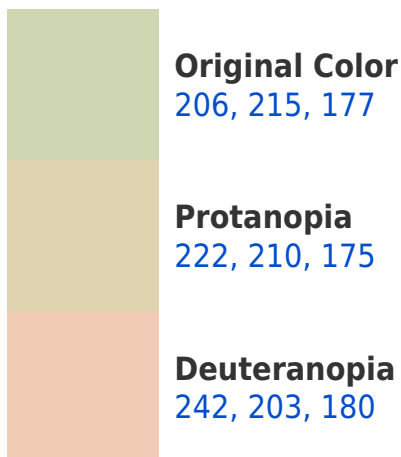


This preview shows how white text looks on a background with the RGB color 206, 215, 177.

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](#).

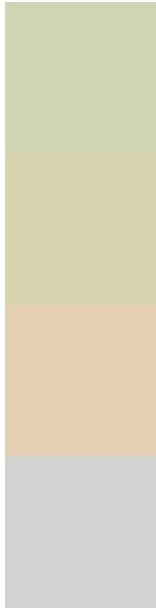
Dichromacy





Tritanopia
213, 208, 225

Trichromacy



Original Color
206, 215, 177

Protanomaly
216, 212, 176

Deuteranomaly
229, 207, 179

Tritanomaly
210, 211, 208

Monochromacy



Original Color
206, 215, 177

Achromatopsia
208, 208, 208

Achromatomaly
207, 211, 197

CSS Examples

Text

The CSS property to change the color of the text to RGB 206, 215, 177 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(206, 215, 177)` looks like.

```
.text, #text, p{  
    color:rgb(206, 215, 177)  
}
```

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(206, 215, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 215, 177) }
```

Border

The CSS property to change the border of an element to RGB 206, 215, 177 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(206, 215, 177) }
```

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

```
.border{ border-color:rgb(206, 215, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 215, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 215, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 215, 177);  
box-shadow:4px 4px 4px 4px rgb(206, 215,  
177) }
```

Background

The CSS property to change the background color of an element to RGB 206, 215, 177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 215, 177) }
```

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

```
.background{ background-color: rgb(206,  
215, 177) }
```

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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