

Converting Colors

RGB(204, 222, 175)

Have a look what the booklet for
RGB(204, 222, 175) contains.

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Color

RGB(204, 222, 175)

Conversions

Conversions Part 1

Format	Color
Hex	CCDEAF
RGB	204, 222, 175
RGB Percent	80%, 87%, 69%
CMY	0.2000, 0.1294, 0.3137
CMYK	0.08, 0.00, 0.21, 0.13
HSL	83°, 42%, 78%
HSV	83°, 21%, 87%
XYZ	58.7610, 68.1751, 50.6195
YIQ	211.2600, 4.3590, -18.4330

Conversions

Conversions Part 2

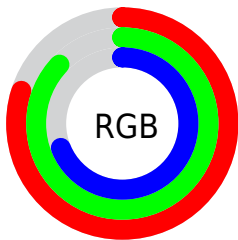
Format	Color
RYB	175, 222, 193
Decimal	13426351
CIELab	86.09, -14.11, 21.09
CIELCh	86, 25.377, 123.794
Yxy	68.1751, 0.3309, 0.3840
Android (android.graphics.Color)	4291616431 (0xFFCCDEAF)
YUV	211.2600, -17.8762, -6.3670
Hunter-Lab	82.5682, -17.4620, 21.4492

Details

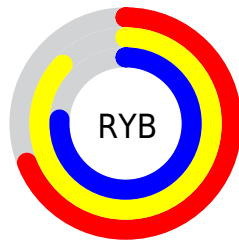
The RGB color **204, 222, 175** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **193, 175, 222**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **255, 255, 231**, and **150, 167, 122** is the 20% darker color. If you saturate the color by 10%, you get **195, 222, 153**, and if you desaturate by 10%, it is **213, 222, 197**.

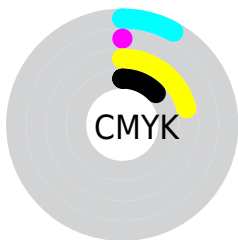
Distribution



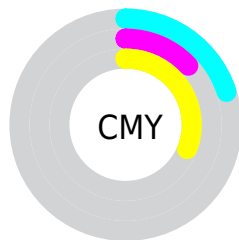
- Red (80%)
- Green (87%)
- Blue (69%)



- Red (69%)
- Yellow (87%)
- Blue (76%)



- Cyan (8%)
- Magenta (0%)
- Yellow (21%)
- Black (13%)



- Cyan (20%)
- Magenta (13%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 204, 222, 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 204, 222, 175 by changing the saturation by 10% instead.

 204, 222, 175


255, 255, 255

 255, 255, 231

 204, 222, 175


 176, 194, 148

 150, 167, 122


 123, 140, 97

 98, 115, 73

 74, 90, 50

 51, 67, 28

 29, 45, 5

 0, 25, 0

 0, 0, 0

 204, 222, 175

 204, 222, 175

 195, 222, 153


 213, 222, 197

 187, 222, 131


 221, 222, 219

 178, 222, 108


 230, 222, 242

 170, 222, 86


 238, 222, 255

 161, 222, 64

 247, 222, 255

 153, 222, 42

 255, 222, 255

 144, 222, 20

 137, 222, 0

Harmonies

Analogous

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



231, 215, 167



204, 222, 175



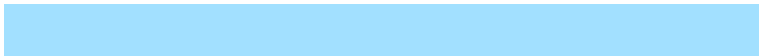
177, 227, 193

Triad

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



204, 222, 175



162, 224, 255



255, 198, 213

Complementary

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



204, 222, 175



193, 175, 222

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.



249, 201, 237



204, 222, 175



191, 216, 255

Square

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



204, 222, 175



148, 228, 241



223, 208, 255



255, 200, 190

Rectangle

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



204, 222, 175



161, 229, 209



223, 208, 255



255, 199, 221

Sweetspot

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



204, 222, 175



249, 255, 240



222, 192, 175



124, 128, 119



0, 0, 0



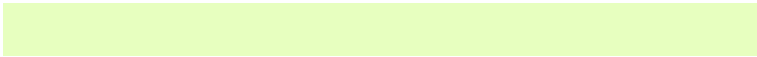
128, 128, 128

Same Dimension

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



204, 222, 175



231, 255, 191



181, 222, 175



108, 112, 101



109, 176, 0



30, 48, 0

Inverse Universe

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



193, 175, 222



216, 191, 255



216, 175, 222



105, 101, 112



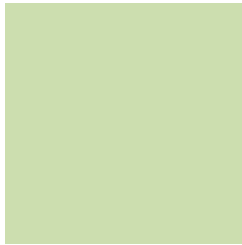
67, 0, 176



19, 0, 48

Previews

White Background



This preview shows how the RGB color 204, 222, 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 204, 222, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

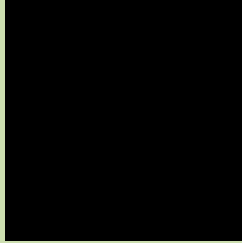
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

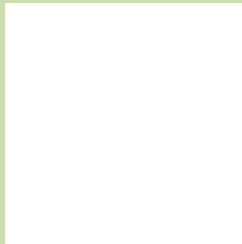
Any Text WCAG AAA ✓ Pass

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

RGB 204, 222, 175 Background



This preview shows how black text looks on a background with the RGB color 204, 222, 175.

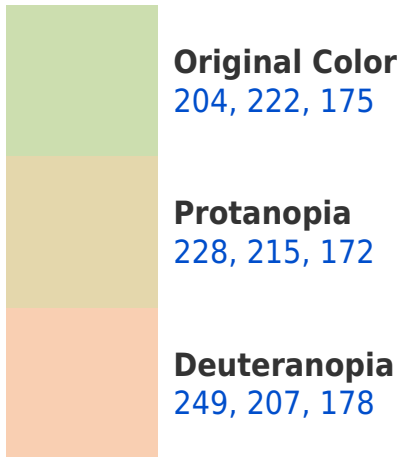


This preview shows how white text looks on a background with the RGB color 204, 222, 175.

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](#).

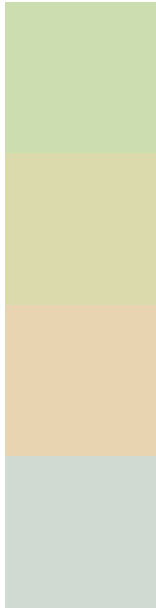
Dichromacy





Tritanopia
212, 214, 231

Trichromacy



Original Color

204, 222, 175

Protanomaly

219, 218, 173

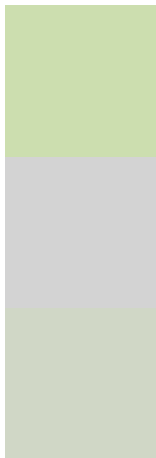
Deuteranomaly

233, 212, 177

Tritanomaly

209, 217, 211

Monochromacy



Original Color

204, 222, 175

Achromatopsia

211, 211, 211

Achromatomaly

208, 215, 198

CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 222, 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(204, 222, 175)` looks like.

```
.text, #text, p{  
    color:rgb(204, 222, 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(204, 222, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 222, 175) }
```

Border

The CSS property to change the border of an element to RGB 204, 222, 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(204, 222, 175) }
```

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

```
.border{ border-color:rgb(204, 222, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 222, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(204, 222, 175); -webkit-box-shadow:4px 4px 4px 4px rgb(204, 222, 175); box-shadow:4px 4px 4px 4px rgb(204, 222, 175) }
```

Background

The CSS property to change the background color of an element to RGB 204, 222, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 222, 175) }
```

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

```
.background{ background-color: rgb(204,  
222, 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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