

Converting Colors

RGB(204, 229, 161)

Have a look what the booklet for
RGB(204, 229, 161) contains.

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Color

RGB(204, 229, 161)

Conversions

Conversions Part 1

Format	Color
Hex	CCE5A1
RGB	204, 229, 161
RGB Percent	80%, 90%, 63%
CMY	0.2000, 0.1020, 0.3686
CMYK	0.11, 0.00, 0.30, 0.10
HSL	82°, 57%, 76%
HSV	82°, 30%, 90%
XYZ	59.3542, 71.4492, 44.3810
YIQ	213.7730, 6.9280, -26.4480

Conversions

Conversions Part 2

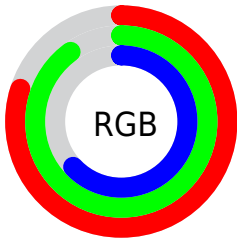
Format	Color
RYB	161, 229, 186
Decimal	13428129
CIELab	87.70, -19.62, 30.51
CIELCh	88, 36.274, 122.746
Yxy	71.4492, 0.3388, 0.4079
Android (android.graphics.Color)	4291618209 (0xFFCCE5A1)
YUV	213.7730, -26.0171, -8.5709
Hunter-Lab	84.5276, -22.5830, 28.0393

Details

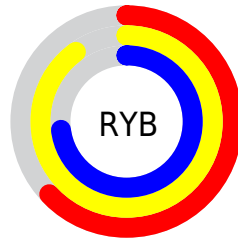
The RGB color **204, 229, 161** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **186, 161, 229**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is **255, 255, 216**, and **149, 173, 109** is the 20% darker color. If you saturate the color by 10%, you get **196, 229, 138**, and if you desaturate by 10%, it is **212, 229, 184**.

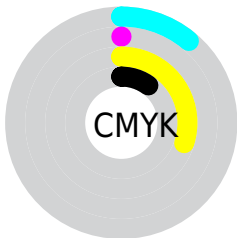
Distribution



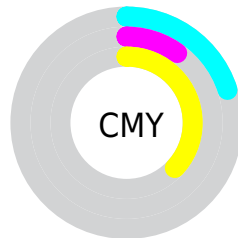
- Red (80%)
- Green (90%)
- Blue (63%)



- Red (63%)
- Yellow (90%)
- Blue (73%)



- Cyan (11%)
- Magenta (0%)
- Yellow (30%)
- Black (10%)



- Cyan (20%)
- Magenta (10%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RGB color 204, 229, 161 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, 229, 161 by changing the saturation by 10% instead.


 204, 229, 161

255, 255, 255


 255, 255, 216


 255, 255, 245

 204, 229, 161

 176, 201, 134

 149, 173, 109

 123, 147, 84

 97, 121, 60

 72, 96, 37

 48, 72, 13

 27, 50, 0

 0, 30, 0

 0, 0, 0


 204, 229, 161

 204, 229, 161

 196, 229, 138


 212, 229, 184

 187, 229, 115


 221, 229, 207

 179, 229, 92


 229, 229, 230

 170, 229, 69

 238, 229, 253

 162, 229, 47

 246, 229, 255

 153, 229, 24

 255, 229, 255

 145, 229, 1

 255, 229, 255

 145, 229, 0

Harmonies

Analogous

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



241, 219, 151



204, 229, 161



164, 236, 187

Triad

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



204, 229, 161



131, 232, 255



255, 194, 218

Complementary

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



204, 229, 161



186, 161, 229

Split Complementary

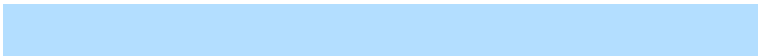
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 199, 252



204, 229, 161



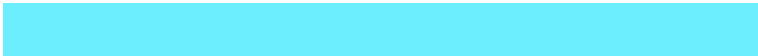
179, 222, 255

Square

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



204, 229, 161



109, 238, 255



229, 210, 255



255, 197, 184

Rectangle

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



204, 229, 161



138, 238, 210



229, 210, 255



255, 195, 230

Sweetspot

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



204, 229, 161



247, 255, 232



229, 186, 161



122, 128, 113



0, 0, 0



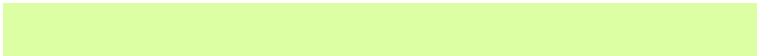
128, 128, 128

Same Dimension

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



204, 229, 161



221, 255, 163



170, 229, 161



111, 115, 103



113, 179, 0



32, 51, 0

Inverse Universe

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



186, 161, 229



197, 163, 255



220, 161, 229



107, 103, 115



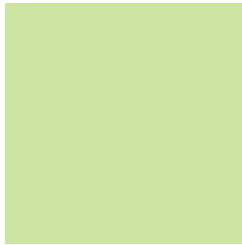
66, 0, 179



19, 0, 51

Previews

White Background



This preview shows how the RGB color 204, 229, 161 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, 229, 161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

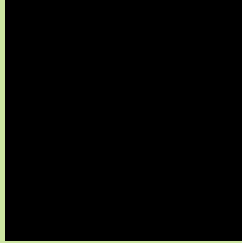
Any Text WCAG AA ✓ Pass

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, 229, 161 Background



This preview shows how black text looks on a background with the RGB color 204, 229, 161.

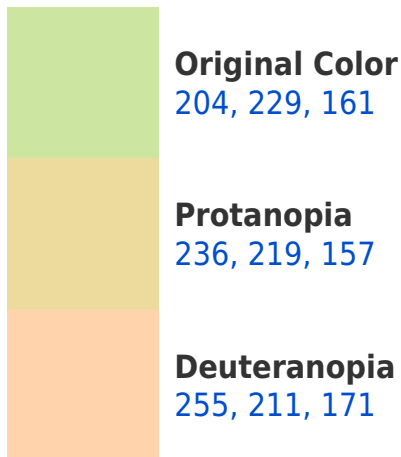


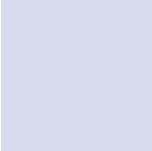
This preview shows how white text looks on a background with the RGB color 204, 229, 161.

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](#).

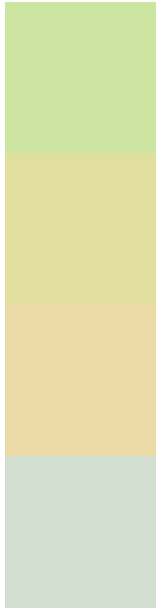
Dichromacy





Tritanopia
215, 219, 237

Trichromacy



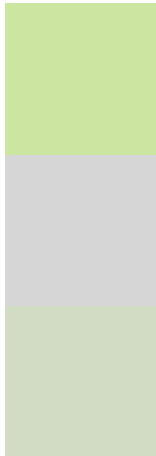
Original Color
204, 229, 161

Protanomaly
224, 223, 158

Deuteranomaly
236, 218, 167

Tritanomaly
211, 223, 209

Monochromacy



Original Color
204, 229, 161

Achromatopsia
214, 214, 214

Achromatomaly
210, 219, 195

CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 229, 161 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, 229, 161)` looks like.

```
.text, #text, p{  
    color:rgb(204, 229, 161)  
}
```

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, 229, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 229, 161) }
```

Border

The CSS property to change the border of an element to RGB 204, 229, 161 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, 229, 161) }
```

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

```
.border{ border-color:rgb(204, 229, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 229, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 229, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 229, 161);  
box-shadow:4px 4px 4px 4px rgb(204, 229,  
161) }
```

Background

The CSS property to change the background color of an element to RGB 204, 229, 161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 229, 161) }
```

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

```
.background{ background-color: rgb(204,  
229, 161) }
```

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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