

Converting Colors

RGB(204, 233, 161)

Have a look what the booklet for
RGB(204, 233, 161) contains.

RGB(204, 233, 161)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(204, 233, 161)

Conversions

Conversions Part 1

Format	Color
Hex	CCE9A1
RGB	204, 233, 161
RGB Percent	80%, 91%, 63%
CMY	0.2000, 0.0863, 0.3686
CMYK	0.12, 0.00, 0.31, 0.09
HSL	84°, 62%, 77%
HSV	84°, 31%, 91%
XYZ	60.4738, 73.6884, 44.7542
YIQ	216.1210, 5.8280, -28.5400

Conversions

Conversions Part 2

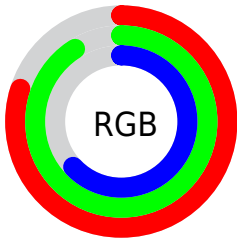
Format	Color
RYB	161, 233, 190
Decimal	13429153
CIELab	88.78, -21.57, 31.94
CIElCh	89, 38.545, 124.033
Yxy	73.6884, 0.3380, 0.4119
Android (android.graphics.Color)	4291619233 (0xFFCCE9A1)
YUV	216.1210, -27.1747, -10.6301
Hunter-Lab	85.8420, -24.4741, 29.1782

Details

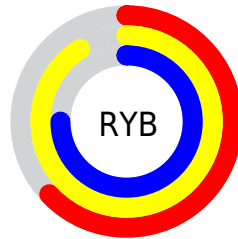
The RGB color **204, 233, 161** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **190, 161, 233**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is **255, 255, 216**, and **149, 177, 109** is the 20% darker color. If you saturate the color by 10%, you get **195, 233, 138**, and if you desaturate by 10%, it is **213, 233, 184**.

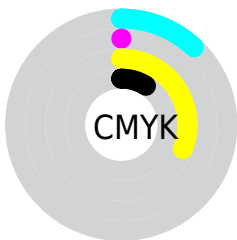
Distribution



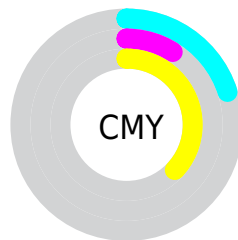
- Red (80%)
- Green (91%)
- Blue (63%)



- Red (63%)
- Yellow (91%)
- Blue (75%)



- Cyan (12%)
- Magenta (0%)
- Yellow (31%)
- Black (9%)



- Cyan (20%)
- Magenta (9%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RGB color 204, 233, 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, 233, 161 by changing the saturation by 10% instead.

 204, 233, 161

255, 255, 255


 255, 255, 216

 255, 255, 245


 204, 233, 161


 176, 205, 134

 149, 177, 109

 123, 150, 84

 97, 125, 60

 72, 100, 36

 48, 75, 12

 26, 53, 0

 0, 32, 0

 0, 0, 0

 204, 233, 161


 204, 233, 161

 195, 233, 138


 213, 233, 184

 185, 233, 114

 223, 233, 208


 176, 233, 91


 232, 233, 231

 166, 233, 68

 242, 233, 254

 157, 233, 44

 251, 233, 255

 148, 233, 21

 255, 233, 255

 139, 233, 0

Harmonies

Analogous

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



244, 222, 149



204, 233, 161



161, 240, 190

Triad

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



204, 233, 161



128, 235, 255



255, 195, 219

Complementary

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



204, 233, 161



190, 161, 233

Split Complementary

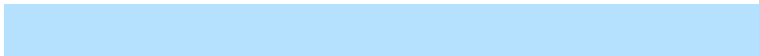
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 200, 255



204, 233, 161



181, 225, 255

Square

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



204, 233, 161



100, 242, 255



234, 212, 255



255, 199, 184

Rectangle

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



204, 233, 161



132, 243, 214



234, 212, 255



255, 196, 232

Sweetspot

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



204, 233, 161



246, 255, 232



233, 190, 161



122, 128, 113



0, 0, 0



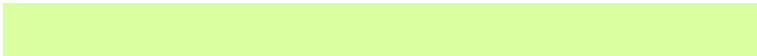
128, 128, 128

Same Dimension

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



204, 233, 161



217, 255, 161



168, 233, 161



113, 117, 106



108, 181, 0



32, 54, 0

Inverse Universe

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



190, 161, 233



199, 161, 255



226, 161, 233



110, 106, 117



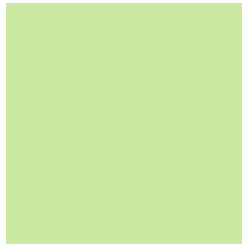
73, 0, 181



22, 0, 54

Previews

White Background



This preview shows how the RGB color 204, 233, 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, 233, 161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

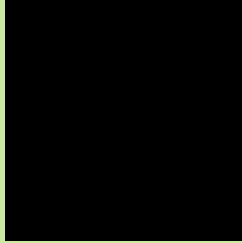
Any Text WCAG AA ✓ Pass

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, 233, 161 Background



This preview shows how black text looks on a background with the RGB color 204, 233, 161.



This preview shows how white text looks on a background with the RGB color 204, 233, 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, 223, 241

Trichromacy



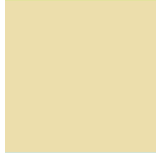
Original Color

204, 233, 161



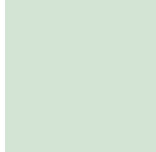
Protanomaly

227, 226, 158



Deuteranomaly

236, 222, 172



Tritanomaly

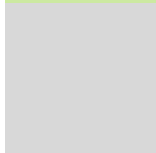
211, 227, 212

Monochromacy



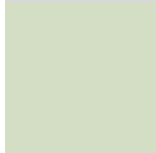
Original Color

204, 233, 161



Achromatopsia

216, 216, 216



Achromatomaly

212, 222, 196

CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 233, 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, 233, 161)` looks like.

```
.text, #text, p{  
    color:rgb(204, 233, 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, 233, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 233, 161) }
```

Border

The CSS property to change the border of an element to RGB 204, 233, 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, 233, 161) }
```

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

```
.border{ border-color:rgb(204, 233, 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, 233, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 233, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 233, 161);  
box-shadow:4px 4px 4px 4px rgb(204, 233,  
161) }
```

Background

The CSS property to change the background color of an element to RGB 204, 233, 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, 233, 161) }
```

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

```
.background{ background-color: rgb(204,  
233, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor