

Converting Colors

RGB(198, 230, 165)

Have a look what the booklet for
RGB(198, 230, 165) contains.

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Color

RGB(198, 230, 165)

Conversions

Conversions Part 1

Format	Color
Hex	C6E6A5
RGB	198, 230, 165
RGB Percent	78%, 90%, 65%
CMY	0.2235, 0.0980, 0.3529
CMYK	0.14, 0.00, 0.28, 0.10
HSL	90°, 57%, 77%
HSV	90°, 28%, 90%
XYZ	58.3770, 71.3160, 46.2859
YIQ	213.0220, 1.7930, -26.9990

Conversions

Conversions Part 2

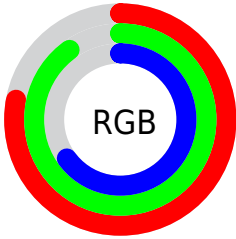
Format	Color
RYB	165, 230, 197
Decimal	13035173
CIELab	87.64, -21.70, 28.31
CIElCh	88, 35.668, 127.477
Yxy	71.3160, 0.3317, 0.4053
Android (android.graphics.Color)	4291225253 (0xFFC6E6A5)
YUV	213.0220, -23.6748, -13.1743
Hunter-Lab	84.4488, -24.3935, 26.6177

Details

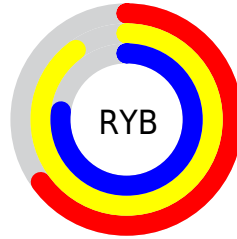
The RGB color **198, 230, 165** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **197, 165, 230**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is **255, 255, 220**, and **143, 174, 113** is the 20% darker color. If you saturate the color by 10%, you get **187, 230, 142**, and if you desaturate by 10%, it is **209, 230, 188**.

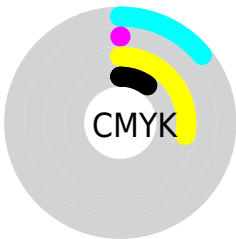
Distribution



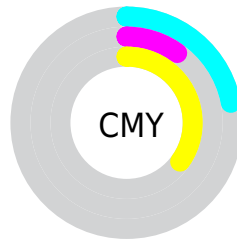
- Red (78%)
- Green (90%)
- Blue (65%)



- Red (65%)
- Yellow (90%)
- Blue (77%)



- Cyan (14%)
- Magenta (0%)
- Yellow (28%)
- Black (10%)



- Cyan (22%)
- Magenta (10%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RGB color 198, 230, 165 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 198, 230, 165 by changing the saturation by 10% instead.

 198, 230, 165

255, 255, 255

 255, 255, 220

 255, 255, 249

 198, 230, 165


 170, 202, 138

 143, 174, 113

 117, 148, 88

 92, 122, 64

 67, 97, 41

 43, 73, 18

 22, 50, 0

 0, 30, 0

 0, 0, 0

 198, 230, 165

 198, 230, 165

 187, 230, 142


 209, 230, 188

 175, 230, 119


 221, 230, 211

 164, 230, 96


 232, 230, 234

 153, 230, 73


 243, 230, 255


 141, 230, 50

 255, 230, 255

 130, 230, 27

 255, 230, 255

 119, 230, 4

 117, 230, 0

Harmonies

Analogous

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



235, 220, 152



198, 230, 165



158, 236, 193

Triad

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



198, 230, 165



140, 230, 255



255, 194, 212

Complementary

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



198, 230, 165



197, 165, 230

Split Complementary

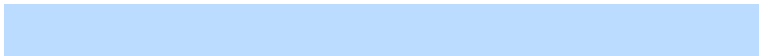
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 198, 246



198, 230, 165



188, 220, 255

Square

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



198, 230, 165



112, 237, 255



235, 208, 255



255, 199, 180

Rectangle

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



198, 230, 165



134, 238, 216



235, 208, 255



255, 195, 224

Sweetspot

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



198, 230, 165



245, 255, 235



230, 196, 165



121, 128, 115



0, 0, 0



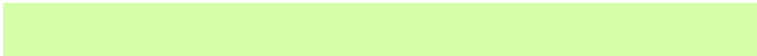
128, 128, 128

Same Dimension

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



198, 230, 165



212, 255, 168



166, 230, 165



109, 115, 103



91, 179, 0



26, 51, 0

Inverse Universe

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



197, 165, 230



211, 168, 255



229, 165, 230



109, 103, 115



88, 0, 179



25, 0, 51

Previews

White Background



This preview shows how the RGB color 198, 230, 165 looks on a white background.

Color Contrast Check

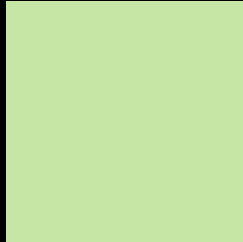
Large Text (above 18pt) WCAG AA × Fail

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 198, 230, 165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

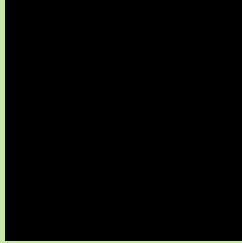
Any Text WCAG AA ✓ Pass

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 198, 230, 165 Background



This preview shows how black text looks on a background with the RGB color 198, 230, 165.

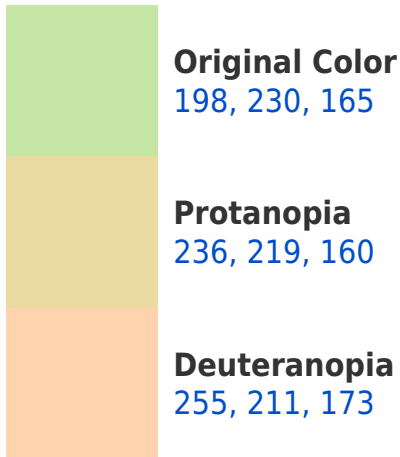


This preview shows how white text looks on a background with the RGB color 198, 230, 165.

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](#).

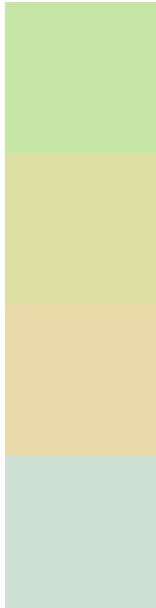
Dichromacy





Tritanopia
209, 221, 238

Trichromacy



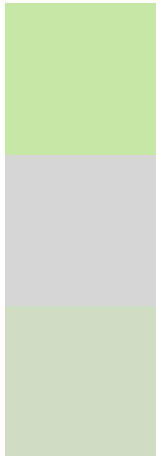
Original Color
198, 230, 165

Protanomaly
222, 223, 162

Deuteranomaly
234, 218, 170

Tritanomaly
205, 224, 211

Monochromacy



Original Color
198, 230, 165

Achromatopsia
213, 213, 213

Achromatomaly
208, 219, 196

CSS Examples

Text

The CSS property to change the color of the text to RGB 198, 230, 165 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(198, 230, 165)` looks like.

```
.text, #text, p{  
    color:rgb(198, 230, 165)  
}
```

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(198, 230, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 230, 165) }
```

Border

The CSS property to change the border of an element to RGB 198, 230, 165 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(198, 230, 165) }
```

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

```
.border{ border-color:rgb(198, 230, 165) }
```

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

Here you see how a box with a 4 pixel rgb(198, 230, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 230, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 230, 165);  
box-shadow:4px 4px 4px 4px rgb(198, 230,  
165) }
```

Background

The CSS property to change the background color of an element to RGB 198, 230, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 230, 165) }
```

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

```
.background{ background-color: rgb(198,  
230, 165) }
```

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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