

Converting Colors

RGB(196, 246, 165)

Have a look what the booklet for
RGB(196, 246, 165) contains.

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Color

RGB(196, 246, 165)

Conversions

Conversions Part 1

Format	Color
Hex	C4F6A5
RGB	196, 246, 165
RGB Percent	77%, 96%, 65%
CMY	0.2314, 0.0353, 0.3529
CMYK	0.20, 0.00, 0.33, 0.04
HSL	97°, 82%, 81%
HSV	97°, 33%, 96%
XYZ	62.5122, 80.3639, 47.8144
YIQ	221.8160, -3.7990, -35.7910

Conversions

Conversions Part 2

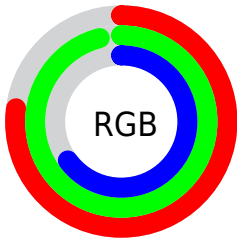
Format	Color
RYB	165, 246, 215
Decimal	12908197
CIELab	91.85, -30.04, 33.93
CIElCh	92, 45.314, 131.522
Yxy	80.3639, 0.3278, 0.4214
Android (android.graphics.Color)	4291098277 (0xFFC4F6A5)
YUV	221.8160, -28.0103, -22.6406
Hunter-Lab	89.6459, -32.4080, 31.1287

Details

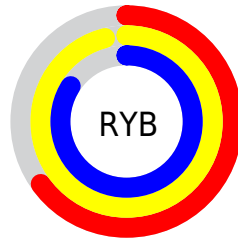
The RGB color **196, 246, 165** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **215, 165, 246**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is **254, 255, 221**, and **141, 189, 112** is the 20% darker color. If you saturate the color by 10%, you get **181, 246, 140**, and if you desaturate by 10%, it is **211, 246, 190**.

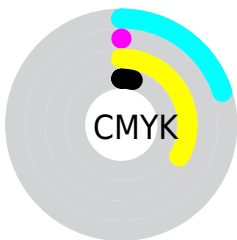
Distribution



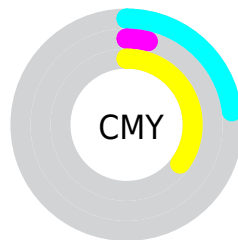
- Red (77%)
- Green (96%)
- Blue (65%)



- Red (65%)
- Yellow (96%)
- Blue (84%)



- Cyan (20%)
- Magenta (0%)
- Yellow (33%)
- Black (4%)



- Cyan (23%)
- Magenta (4%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RGB color 196, 246, 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 196, 246, 165 by changing the saturation by 10% instead.

 196, 246, 165


255, 255, 255


 254, 255, 221

 255, 255, 249

 196, 246, 165

 168, 217, 138


 141, 189, 112

 114, 162, 87

 89, 136, 63

 63, 110, 39

 38, 86, 14


 11, 62, 0


 0, 40, 0

 0, 12, 0

 196, 246, 165


 196, 246, 165

 181, 246, 140


 211, 246, 190

 166, 246, 116


 226, 246, 214


 150, 246, 91


 242, 246, 239

 135, 246, 67

 255, 246, 255

 120, 246, 42

 105, 246, 17

 94, 246, 0

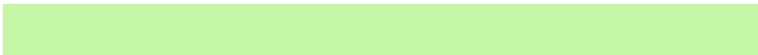
Harmonies

Analogous

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



244, 234, 145



196, 246, 165



142, 253, 203

Triad

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



196, 246, 165



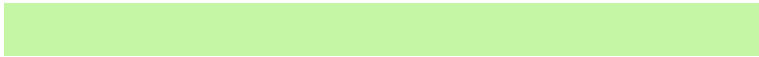
125, 244, 255



255, 198, 216

Complementary

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



196, 246, 165



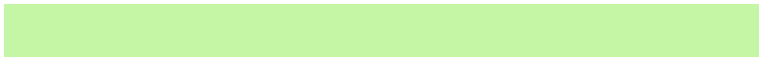
215, 165, 246

Split Complementary

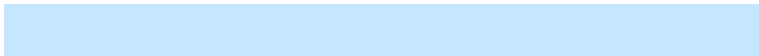
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 202, 255



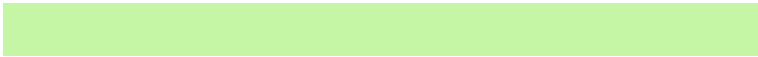
196, 246, 165



197, 230, 255

Square

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



196, 246, 165



65, 252, 255



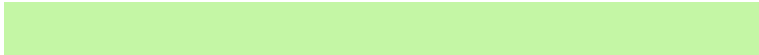
255, 214, 255



255, 206, 176

Rectangle

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



196, 246, 165



104, 255, 232



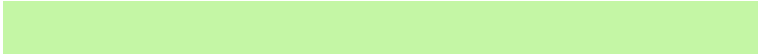
255, 214, 255



255, 198, 231

Sweetspot

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



196, 246, 165



239, 255, 230



246, 215, 165



118, 128, 112



0, 0, 0



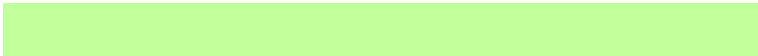
128, 128, 128

Same Dimension

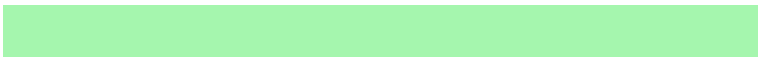
The Same Dimension uses a secret algorithm to generate beautiful new colors.



196, 246, 165



192, 255, 153



165, 246, 174



115, 122, 110



71, 186, 0



22, 59, 0

Inverse Universe

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



215, 165, 246



216, 153, 255



246, 165, 237



118, 110, 122



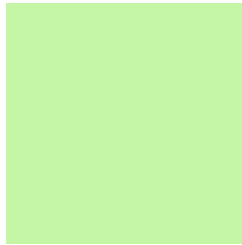
115, 0, 186



36, 0, 59

Previews

White Background



This preview shows how the RGB color 196, 246, 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 196, 246, 165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

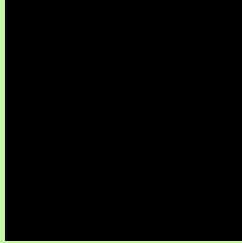
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

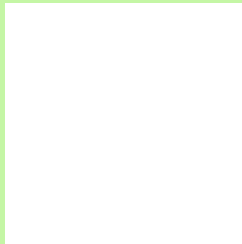
Any Text WCAG AAA ✓ Pass

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

RGB 196, 246, 165 Background



This preview shows how black text looks on a background with the RGB color 196, 246, 165.

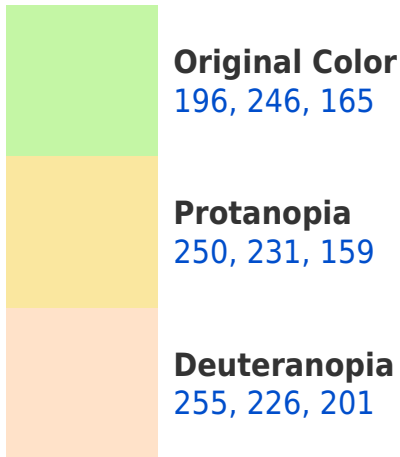


This preview shows how white text looks on a background with the RGB color 196, 246, 165.

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
210, 235, 254

Trichromacy



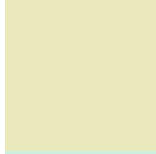
Original Color

196, 246, 165



Protanomaly

230, 236, 161



Deuteranomaly

234, 233, 188



Tritanomaly

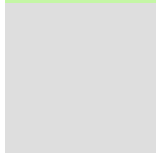
205, 239, 222

Monochromacy



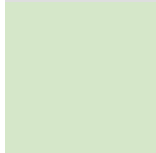
Original Color

196, 246, 165



Achromatopsia

222, 222, 222



Achromatomaly

213, 231, 201

CSS Examples

Text

The CSS property to change the color of the text to RGB 196, 246, 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(196, 246, 165)` looks like.

```
.text, #text, p{  
    color:rgb(196, 246, 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(196, 246, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 246, 165) }
```

Border

The CSS property to change the border of an element to RGB 196, 246, 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(196, 246, 165) }
```

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

```
.border{ border-color:rgb(196, 246, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 246, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 246, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 246, 165);  
box-shadow:4px 4px 4px 4px rgb(196, 246,  
165) }
```

Background

The CSS property to change the background color of an element to RGB 196, 246, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 246, 165) }
```

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

```
.background{ background-color: rgb(196,  
246, 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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