

Converting Colors

RGB(189, 224, 165)

Have a look what the booklet for
RGB(189, 224, 165) contains.

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Color

RGB(189, 224, 165)

Conversions

Conversions Part 1

Format	Color
Hex	BDE0A5
RGB	189, 224, 165
RGB Percent	74%, 88%, 65%
CMY	0.2588, 0.1216, 0.3529
CMYK	0.16, 0.00, 0.26, 0.12
HSL	96°, 49%, 76%
HSV	96°, 26%, 88%
XYZ	54.4335, 66.8467, 45.6311
YIQ	206.8090, -1.9210, -25.7690

Conversions

Conversions Part 2

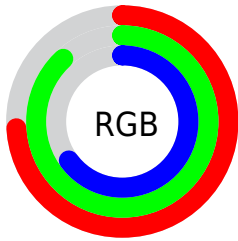
Format	Color
RYB	165, 224, 200
Decimal	12443813
CIELab	85.43, -21.96, 25.20
CIELCh	85, 33.431, 131.067
Yxy	66.8467, 0.3261, 0.4005
Android (android.graphics.Color)	4290633893 (0xFFBDE0A5)
YUV	206.8090, -20.6118, -15.6185
Hunter-Lab	81.7599, -24.2394, 24.1415

Details

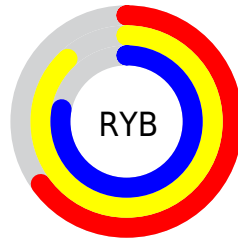
The RGB color **189, 224, 165** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **200, 165, 224**, and the grayscale version is **207, 207, 207**.

A 20% lighter version of the original color is **246, 255, 220**, and **135, 169, 113** is the 20% darker color. If you saturate the color by 10%, you get **176, 224, 143**, and if you desaturate by 10%, it is **202, 224, 187**.

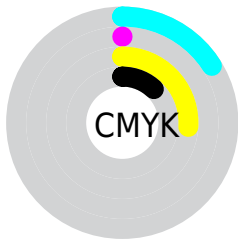
Distribution



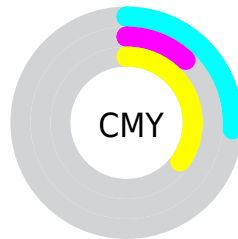
- Red (74%)
- Green (88%)
- Blue (65%)



- Red (65%)
- Yellow (88%)
- Blue (78%)



- Cyan (16%)
- Magenta (0%)
- Yellow (26%)
- Black (12%)



- Cyan (26%)
- Magenta (12%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RGB color 189, 224, 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 189, 224, 165 by changing the saturation by 10% instead.


 189, 224, 165

255, 255, 255

 246, 255, 220

 255, 255, 249

 189, 224, 165

 162, 196, 138

 135, 169, 113

 109, 142, 88

 84, 116, 64

 60, 92, 41

 36, 68, 19

 15, 45, 0

 0, 27, 0

 0, 0, 0

 189, 224, 165

 189, 224, 165

 176, 224, 143


 202, 224, 187

 162, 224, 120


 216, 224, 210

 149, 224, 98

 229, 224, 232


 136, 224, 75


 242, 224, 255

 123, 224, 53

 255, 224, 255

 109, 224, 31

 96, 224, 8

 91, 224, 0

Harmonies

Analogous

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



224, 215, 151



189, 224, 165



153, 229, 192

Triad

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



189, 224, 165



145, 222, 255



255, 190, 203

Complementary

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



189, 224, 165



200, 165, 224

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, 193, 235



189, 224, 165



190, 212, 255

Square

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



189, 224, 165



117, 229, 254



233, 201, 255



255, 195, 173

Rectangle

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



189, 224, 165



131, 231, 214



233, 201, 255



255, 190, 214

Sweetspot

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



189, 224, 165



243, 255, 235



224, 199, 165



120, 128, 115



0, 0, 0



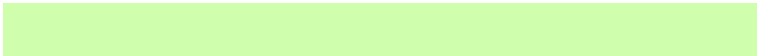
128, 128, 128

Same Dimension

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



189, 224, 165



207, 255, 173



165, 224, 170



106, 112, 101



72, 176, 0



20, 48, 0

Inverse Universe

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



200, 165, 224



222, 173, 255



224, 165, 219



108, 101, 112



104, 0, 176



29, 0, 48

Previews

White Background



This preview shows how the RGB color 189, 224, 165 looks on a white background.

Color Contrast Check

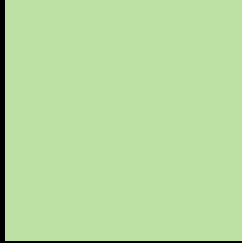
Large Text (above 18pt) WCAG AA × Fail

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 189, 224, 165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

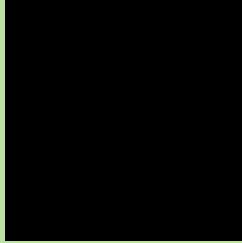
Any Text WCAG AA ✓ Pass

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 189, 224, 165 Background



This preview shows how black text looks on a background with the RGB color 189, 224, 165.

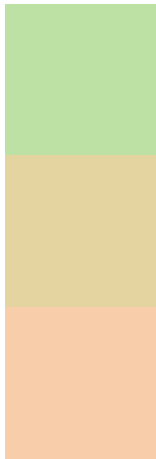


This preview shows how white text looks on a background with the RGB color 189, 224, 165.

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](#).

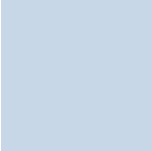
Dichromacy



Original Color
189, 224, 165

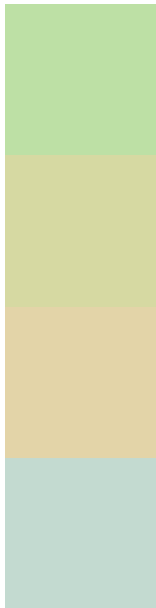
Protanopia
228, 213, 160

Deuteranopia
248, 205, 169



Tritanopia
199, 215, 232

Trichromacy



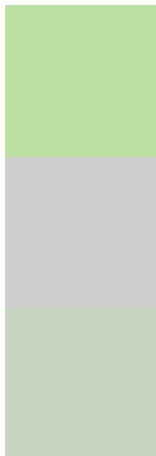
Original Color
189, 224, 165

Protanomaly
214, 217, 162

Deuteranomaly
227, 212, 168

Tritanomaly
195, 218, 208

Monochromacy



Original Color
189, 224, 165

Achromatopsia
207, 207, 207

Achromatomaly
200, 213, 192

CSS Examples

Text

The CSS property to change the color of the text to RGB 189, 224, 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(189, 224, 165)` looks like.

```
.text, #text, p{  
    color:rgb(189, 224, 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(189, 224, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 224, 165) }
```

Border

The CSS property to change the border of an element to RGB 189, 224, 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(189, 224, 165) }
```

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

```
.border{ border-color:rgb(189, 224, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 224, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 224, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 224, 165);  
box-shadow:4px 4px 4px 4px rgb(189, 224,  
165) }
```

Background

The CSS property to change the background color of an element to RGB 189, 224, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 224, 165) }
```

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

```
.background{ background-color: rgb(189,  
224, 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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