

Converting Colors

RGB(191, 224, 155)

Have a look what the booklet for
RGB(191, 224, 155) contains.

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Color

RGB(191, 224, 155)

Conversions

Conversions Part 1

Format	Color
Hex	BFE09B
RGB	191, 224, 155
RGB Percent	75%, 88%, 61%
CMY	0.2510, 0.1216, 0.3922
CMYK	0.15, 0.00, 0.31, 0.12
HSL	89°, 53%, 74%
HSV	89°, 31%, 88%
XYZ	54.0579, 66.7542, 41.0460
YIQ	206.2670, 2.4810, -28.4550

Conversions

Conversions Part 2

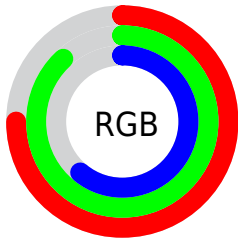
Format	Color
RYB	155, 224, 188
Decimal	12574875
CIELab	85.38, -22.72, 30.31
CIELCh	85, 37.883, 126.847
Yxy	66.7542, 0.3340, 0.4124
Android (android.graphics.Color)	4290764955 (0xFFBFE09B)
YUV	206.2670, -25.2746, -13.3892
Hunter-Lab	81.7033, -24.8785, 27.4062

Details

The RGB color **191, 224, 155** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **188, 155, 224**, and the grayscale version is **207, 207, 207**.

A 20% lighter version of the original color is **248, 255, 210**, and **137, 169, 103** is the 20% darker color. If you saturate the color by 10%, you get **180, 224, 133**, and if you desaturate by 10%, it is **202, 224, 177**.

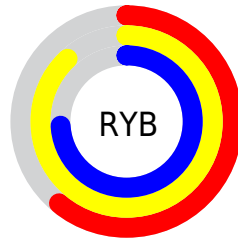
Distribution



Red (75%)

Green (88%)

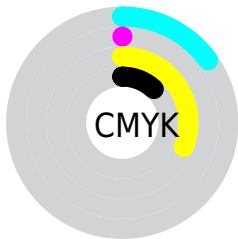
Blue (61%)



Red (61%)

Yellow (88%)

Blue (74%)

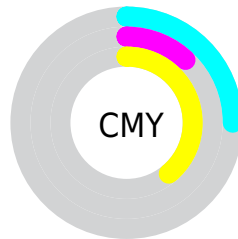


Cyan (15%)

Magenta (0%)

Yellow (31%)

Black (12%)



Cyan (25%)

Magenta (12%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RGB color 191, 224, 155 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 191, 224, 155 by changing the saturation by 10% instead.


 191, 224, 155

255, 255, 255


 248, 255, 210

 255, 255, 238


 191, 224, 155

 163, 196, 129

 137, 169, 103

 111, 142, 78

 85, 116, 55

 61, 92, 31

 37, 68, 7

 15, 45, 0

 0, 27, 0

 0, 0, 0

 191, 224, 155

 191, 224, 155

 180, 224, 133


 202, 224, 177

 170, 224, 110

 212, 224, 200

 159, 224, 88

 223, 224, 222

 148, 224, 65

 234, 224, 245

 137, 224, 43

 245, 224, 255

 127, 224, 21

 255, 224, 255

 117, 224, 0

Harmonies

Analogous

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



230, 214, 142



191, 224, 155



149, 231, 184

Triad

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



191, 224, 155



124, 225, 255



255, 186, 206

Complementary

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



191, 224, 155



188, 155, 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, 190, 242



191, 224, 155



178, 214, 255

Square

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



191, 224, 155



92, 231, 255



229, 201, 255



255, 191, 172

Rectangle

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



191, 224, 155



121, 233, 208



229, 201, 255



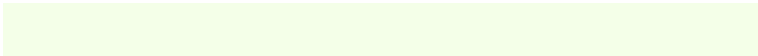
255, 187, 219

Sweetspot

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



191, 224, 155



244, 255, 232



224, 187, 155



121, 128, 113



0, 0, 0



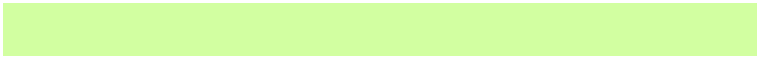
128, 128, 128

Same Dimension

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



191, 224, 155



210, 255, 161



157, 224, 155



107, 112, 101



92, 176, 0



25, 48, 0

Inverse Universe

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



188, 155, 224



206, 161, 255



222, 155, 224



106, 101, 112



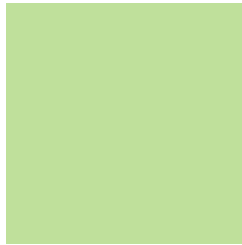
84, 0, 176



23, 0, 48

Previews

White Background



This preview shows how the RGB color 191, 224, 155 looks on a white background.

Color Contrast Check

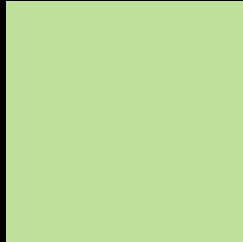
Large Text (above 18pt) WCAG AA × Fail

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 191, 224, 155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

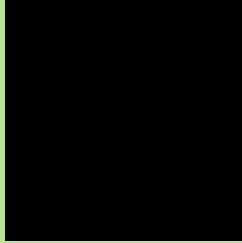
Any Text WCAG AA ✓ Pass

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 191, 224, 155 Background



This preview shows how black text looks on a background with the RGB color 191, 224, 155.

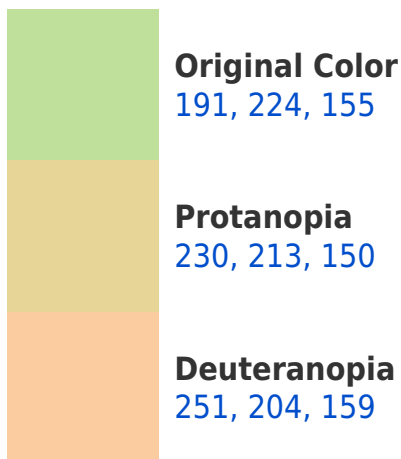


This preview shows how white text looks on a background with the RGB color 191, 224, 155.

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
202, 214, 231

Trichromacy



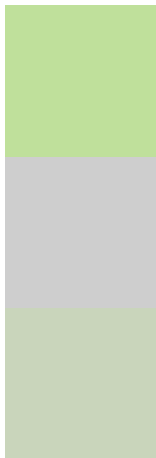
Original Color
191, 224, 155

Protanomaly
216, 217, 152

Deuteranomaly
229, 211, 158

Tritanomaly
198, 218, 203

Monochromacy



Original Color
191, 224, 155

Achromatopsia
206, 206, 206

Achromatomaly
201, 213, 187

CSS Examples

Text

The CSS property to change the color of the text to RGB 191, 224, 155 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(191, 224, 155)` looks like.

```
.text, #text, p{  
    color:rgb(191, 224, 155)  
}
```

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(191, 224, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 224, 155) }
```

Border

The CSS property to change the border of an element to RGB 191, 224, 155 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(191, 224, 155) }
```

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

```
.border{ border-color:rgb(191, 224, 155) }
```

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

Here you see how a box with a 4 pixel rgb(191, 224, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 224, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 224, 155);  
box-shadow:4px 4px 4px 4px rgb(191, 224,  
155) }
```

Background

The CSS property to change the background color of an element to RGB 191, 224, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 224, 155) }
```

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

```
.background{ background-color: rgb(191,  
224, 155) }
```

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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