

Converting Colors

RGB(181, 221, 155)

Have a look what the booklet for
RGB(181, 221, 155) contains.

RGB(181, 221, 155)	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(181, 221, 155)

Conversions

Conversions Part 1

Format	Color
Hex	B5DD9B
RGB	181, 221, 155
RGB Percent	71%, 87%, 61%
CMY	0.2902, 0.1333, 0.3922
CMYK	0.18, 0.00, 0.30, 0.13
HSL	96°, 49%, 74%
HSV	96°, 30%, 87%
XYZ	50.8289, 63.9032, 40.6659
YIQ	201.5160, -2.6540, -29.0060

Conversions

Conversions Part 2

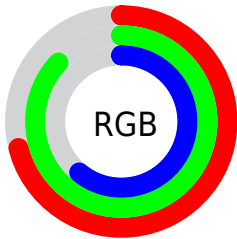
Format	Color
RYB	155, 221, 195
Decimal	11918747
CIELab	83.92, -24.82, 28.24
CIElCh	84, 37.598, 131.319
Yxy	63.9032, 0.3271, 0.4112
Android (android.graphics.Color)	4290108827 (0xFFB5DD9B)
YUV	201.5160, -22.9324, -17.9925
Hunter-Lab	79.9395, -26.3963, 25.7963

Details

The RGB color **181, 221, 155** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **195, 155, 221**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **238, 255, 210**, and **127, 166, 103** is the 20% darker color. If you saturate the color by 10%, you get **168, 221, 133**, and if you desaturate by 10%, it is **194, 221, 177**.

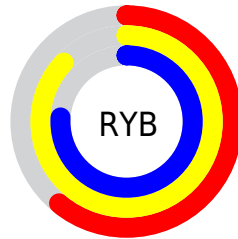
Distribution



Red (71%)

Green (87%)

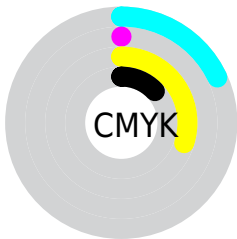
Blue (61%)



Red (61%)

Yellow (87%)

Blue (76%)

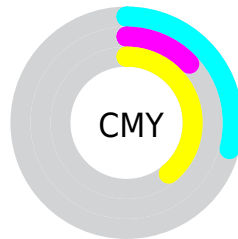


Cyan (18%)

Magenta (0%)

Yellow (30%)

Black (13%)



Cyan (29%)


Magenta (13%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RGB color 181, 221, 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 181, 221, 155 by changing the saturation by 10% instead.


 181, 221, 155

255, 255, 255


 238, 255, 210


 255, 255, 238

 181, 221, 155

 154, 193, 129

 127, 166, 103

 101, 139, 79

 76, 114, 55

 52, 89, 32

 28, 65, 9

 5, 43, 0

 0, 22, 0

 0, 0, 0

 181, 221, 155


 181, 221, 155

 168, 221, 133

 194, 221, 177

 154, 221, 111


 208, 221, 199

 141, 221, 89


 221, 221, 221

 127, 221, 67

 235, 221, 243

 114, 221, 44

 248, 221, 255

 101, 221, 22

 255, 221, 255

 87, 221, 0

 87, 221, 0

Harmonies

Analogous

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



220, 211, 139



181, 221, 155



139, 227, 185

Triad

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



181, 221, 155



128, 219, 255



255, 183, 197

Complementary

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



181, 221, 155



195, 155, 221

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, 185, 233



181, 221, 155



182, 208, 255

Square

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



181, 221, 155



91, 226, 255



231, 195, 255



255, 188, 164

Rectangle

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



181, 221, 155



112, 229, 210



231, 195, 255



255, 183, 209

Sweetspot

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



181, 221, 155



241, 255, 232



221, 195, 155



119, 128, 113



0, 0, 0



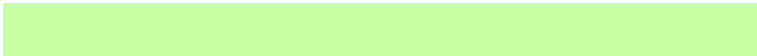
128, 128, 128

Same Dimension

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



181, 221, 155



199, 255, 163



155, 221, 162



103, 110, 99



68, 173, 0



18, 46, 0

Inverse Universe

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



195, 155, 221



219, 163, 255



221, 155, 214



105, 99, 110



105, 0, 173



28, 0, 46

Previews

White Background



This preview shows how the RGB color 181, 221, 155 looks on a white background.

Color Contrast Check

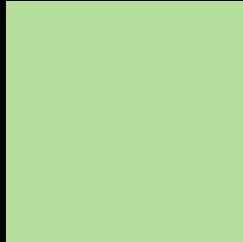
Large Text (above 18pt) WCAG AA × Fail

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 181, 221, 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 181, 221, 155 Background



This preview shows how black text looks on a background with the RGB color 181, 221, 155.

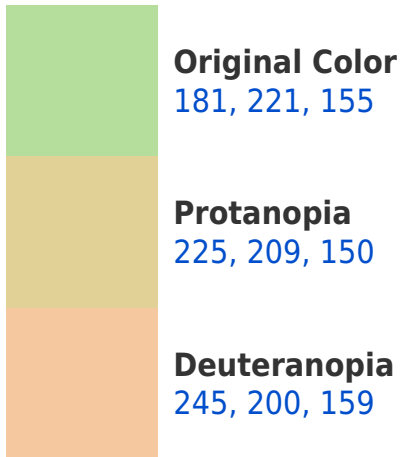


This preview shows how white text looks on a background with the RGB color 181, 221, 155.

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](#).

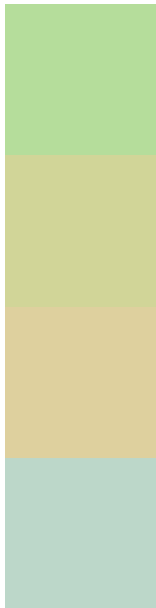
Dichromacy





Tritanopia
192, 212, 228

Trichromacy



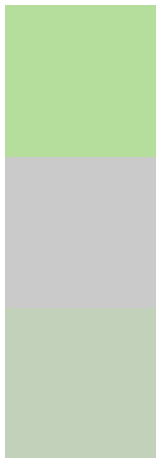
Original Color
181, 221, 155

Protanomaly
209, 213, 152

Deuteranomaly
222, 208, 158

Tritanomaly
188, 215, 201

Monochromacy



Original Color
181, 221, 155

Achromatopsia
202, 202, 202

Achromatomaly
194, 209, 185

CSS Examples

Text

The CSS property to change the color of the text to RGB 181, 221, 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(181, 221, 155)` looks like.

```
.text, #text, p{  
    color:rgb(181, 221, 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(181, 221, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 221, 155) }
```

Border

The CSS property to change the border of an element to RGB 181, 221, 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(181, 221, 155) }
```

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

```
.border{ border-color:rgb(181, 221, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 221, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 221, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 221, 155); box-shadow:4px 4px 4px 4px rgb(181, 221, 155) }
```

Background

The CSS property to change the background color of an element to RGB 181, 221, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 221, 155) }
```

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

```
.background{ background-color: rgb(181,  
221, 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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