

Converting Colors

`RYB(169, 217, 197)`

Have a look what the booklet for
RYB(169, 217, 197) contains.

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Color

R_YB(169, 217, 197)

Conversions

Conversions Part 1

Format	Color
Hex	BDD9A9
RGB	189, 217, 169
RGB Percent	74%, 85%, 66%
CMY	0.2588, 0.1490, 0.3373
CMYK	0.13, 0.00, 0.22, 0.15
HSL	95°, 39%, 76%
HSV	95°, 22%, 85%
XYZ	52.9606, 63.3091, 46.9647
YIQ	203.1560, -1.2800, -20.8640

Conversions

Conversions Part 2

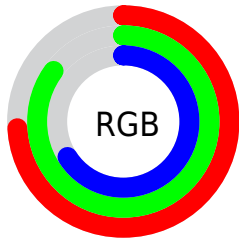
Format	Color
RYB	169, 217, 197
Decimal	12442025
CIELab	83.60, -17.89, 20.62
CIELCh	84, 27.298, 130.944
Yxy	63.3091, 0.3244, 0.3878
Android (android.graphics.Color)	4290632105 (0xFFBDD9A9)
YUV	203.1560, -16.8389, -12.4148
Hunter-Lab	79.5670, -20.4310, 20.7008

Details

The RYB color **169, 217, 197** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **197, 169, 217**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **224, 255, 233**, and **117, 162, 144** is the 20% darker color. If you saturate the color by 10%, you get **147, 217, 188**, and if you desaturate by 10%, it is **191, 217, 206**.

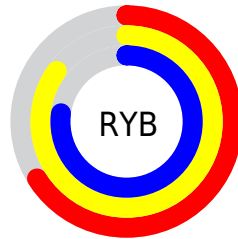
Distribution



Red (74%)

Green (85%)

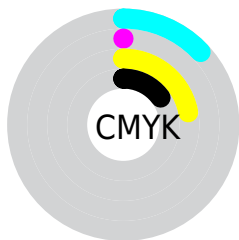
Blue (66%)



Red (66%)

Yellow (85%)

Blue (77%)

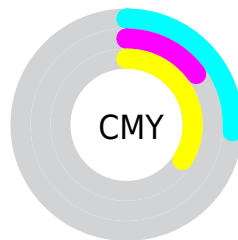


Cyan (13%)

Magenta (0%)

Yellow (22%)

Black (15%)



Cyan (26%)

Magenta (15%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RYB color 169, 217, 197 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 RYB color 169, 217, 197 by changing the saturation by 10% instead.


 169, 217, 197

255, 255, 255


 224, 255, 233

253, 255, 253

 169, 217, 197

 142, 189, 169

 117, 162, 144

 92, 136, 118

 68, 110, 93

 45, 86, 70

 24, 63, 49

 0, 40, 22

 0, 21, 21

 0, 0, 0

■ 169, 217, 197

■ 169, 217, 197

■ 147, 217, 188

■ 191, 217, 206

■ 126, 217, 179

■ 212, 217, 215

■ 104, 217, 170

■ 227, 217, 234

■ 82, 217, 161

■ 240, 217, 255

■ 61, 217, 152

■ 252, 217, 255

■ 39, 217, 143

■ 255, 217, 255

■ 17, 217, 134

■ 0, 217, 127

Harmonies

Analogous

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



167, 218, 158



169, 217, 197



160, 201, 222

Triad

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



169, 217, 197



156, 193, 255



255, 190, 200

Complementary

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



169, 217, 197



197, 169, 217

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.



249, 192, 226



169, 217, 197



190, 204, 255

Square

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



169, 217, 197



136, 183, 241



224, 199, 247



255, 199, 176

Rectangle

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



169, 217, 197



145, 188, 223



224, 199, 247



255, 190, 208

Sweetspot

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



169, 217, 197



237, 255, 247



203, 217, 169



117, 128, 123



0, 0, 0



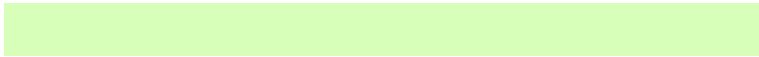
128, 128, 128

Same Dimension

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



169, 217, 197



186, 255, 226



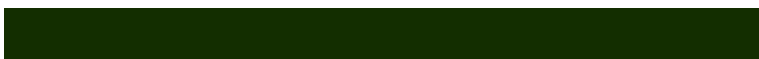
169, 214, 217



99, 110, 106



0, 173, 101



0, 46, 27

Inverse Universe

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



197, 169, 217



226, 186, 255



217, 169, 213



105, 99, 110



101, 0, 173



27, 0, 46

Previews

White Background



This preview shows how the RYB color 169, 217, 197 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 RYB color 169, 217, 197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

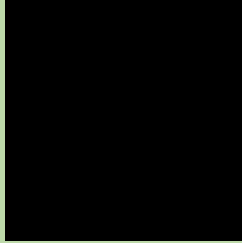
Any Text WCAG AA ✓ Pass

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](#).

RYB 169, 217, 197 Background



This preview shows how black text looks on a background with the RYB color 169, 217, 197.

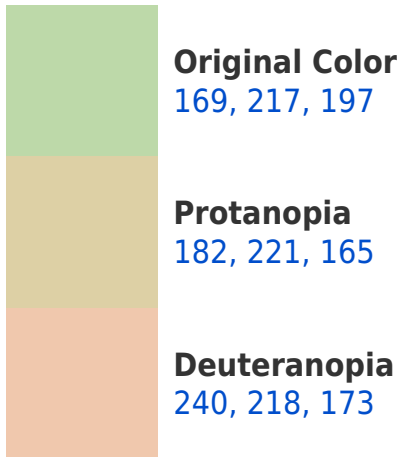


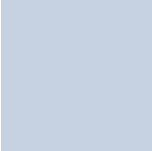
This preview shows how white text looks on a background with the RYB color 169, 217, 197.

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](#).

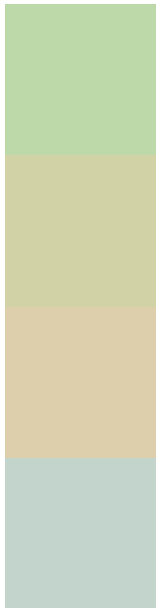
Dichromacy





Tritanopia
198, 206, 226

Trichromacy



Original Color
169, 217, 197

Protanomaly
166, 211, 168

Deuteranomaly
194, 221, 172

Tritanomaly
195, 206, 212

Monochromacy



Original Color
169, 217, 197

Achromatopsia
203, 203, 203

Achromatomaly
191, 208, 201

CSS Examples

Text

The CSS property to change the color of the text to RGB 169, 217, 197 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, 217, 169) looks like.

```
.text, #text, p{  
    color:rgb(189, 217, 169)  
}
```

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, 217, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 217, 169) }
```

Border

The CSS property to change the border of an element to RYB 169, 217, 197 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, 217, 169) }
```

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

```
.border{ border-color:rgb(189, 217, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 217, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 217, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 217, 169);  
box-shadow:4px 4px 4px 4px rgb(189, 217,  
169) }
```

Background

The CSS property to change the background color of an element to RYB 169, 217, 197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 217, 169) }
```

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

```
.background{ background-color: rgb(189,  
217, 169) }
```

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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