

Converting Colors

`RYB(167, 208, 194)`

Have a look what the booklet for
RYB(167, 208, 194) contains.

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Color

R_YB(167, 208, 194)

Conversions

Conversions Part 1

Format	Color
Hex	B5D0A7
RGB	181, 208, 167
RGB Percent	71%, 82%, 65%
CMY	0.2902, 0.1843, 0.3451
CMYK	0.13, 0.00, 0.20, 0.18
HSL	100°, 30%, 74%
HSV	100°, 20%, 82%
XYZ	48.5870, 57.7255, 45.1406
YIQ	195.2530, -2.9310, -18.4750

Conversions

Conversions Part 2

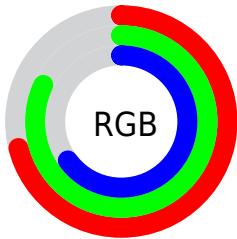
Format	Color
RYB	167, 208, 194
Decimal	11915431
CIELab	80.59, -16.53, 17.40
CIElCh	81, 23.998, 133.536
Yxy	57.7255, 0.3208, 0.3811
Android (android.graphics.Color)	4290105511 (0xFFB5D0A7)
YUV	195.2530, -13.9287, -12.4999
Hunter-Lab	75.9773, -18.8108, 17.9580

Details

The RYB color **167, 208, 194** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **194, 167, 208**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **222, 255, 240**, and **115, 154, 141** is the 20% darker color. If you saturate the color by 10%, you get **146, 208, 187**, and if you desaturate by 10%, it is **188, 208, 201**.

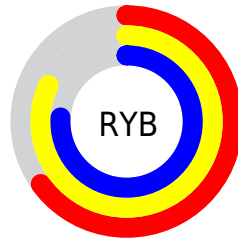
Distribution



Red (71%)

Green (82%)

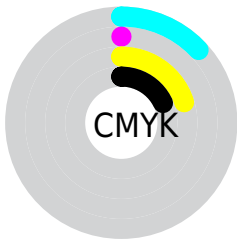
Blue (65%)



Red (65%)

Yellow (82%)

Blue (76%)

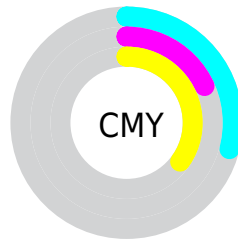


Cyan (13%)

Magenta (0%)

Yellow (20%)

Black (18%)



Cyan (29%)

Magenta (18%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 167, 208, 194 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 167, 208, 194 by changing the saturation by 10% instead.


 167, 208, 194

255, 255, 255


 222, 255, 240


 251, 255, 251

 167, 208, 194

 141, 180, 167


 115, 154, 141

 90, 128, 116

 67, 102, 91

 44, 78, 67

 23, 55, 46

 0, 34, 20

 0, 4, 4

 0, 0, 0

 167, 208, 194

 167, 208, 194

 146, 208, 187

 188, 208, 201

 125, 208, 179

 208, 208, 209

 105, 208, 173

 222, 208, 229

 84, 208, 166

 236, 208, 250

 63, 208, 158

 249, 208, 255

 42, 208, 151

 255, 208, 255

 21, 208, 144

 1, 208, 138

 0, 208, 137

Harmonies

Analogous

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



160, 206, 156



167, 208, 194



157, 193, 212

Triad

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



167, 208, 194



158, 189, 242



246, 184, 190

Complementary

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



167, 208, 194



194, 167, 208

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.



237, 185, 213



167, 208, 194



187, 197, 243

Square

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



167, 208, 194



140, 180, 230



216, 191, 233



243, 194, 170

Rectangle

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



167, 208, 194



144, 181, 213



216, 191, 233



245, 184, 198

Sweetspot

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



167, 208, 194



240, 255, 250



188, 208, 167



119, 128, 125



0, 0, 0



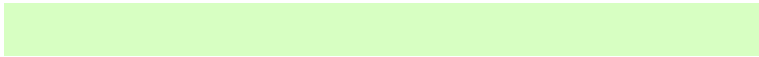
128, 128, 128

Same Dimension

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



167, 208, 194



194, 255, 234



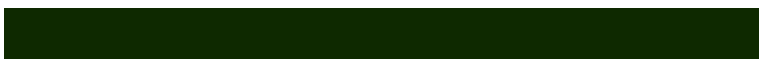
167, 203, 208



94, 105, 101



0, 168, 111



0, 41, 27

Inverse Universe

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



194, 167, 208



234, 194, 255



208, 167, 202



101, 94, 105



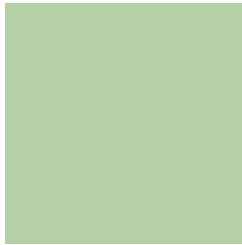
111, 0, 168



27, 0, 41

Previews

White Background



This preview shows how the RYB color 167, 208, 194 looks on a white background.

Color Contrast Check

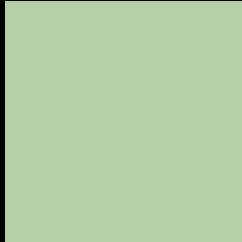
Large Text (above 18pt) WCAG AA × Fail

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 167, 208, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

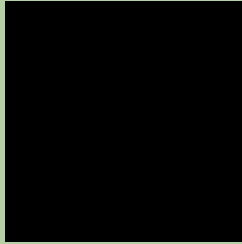
Any Text WCAG AA ✓ Pass

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 167, 208, 194 Background



This preview shows how black text looks on a background with the RGB color 167, 208, 194.

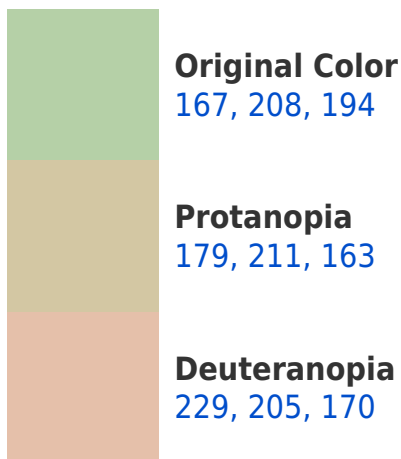


This preview shows how white text looks on a background with the RGB color 167, 208, 194.

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](#).

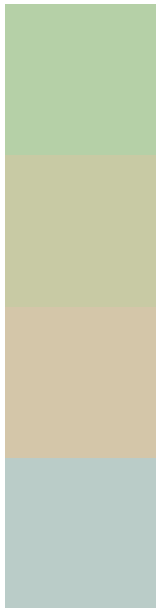
Dichromacy





Tritanopia
189, 197, 217

Trichromacy



Original Color
167, 208, 194

Protanomaly
164, 202, 166

Deuteranomaly
190, 212, 169

Tritanomaly
186, 196, 204

Monochromacy



Original Color
167, 208, 194

Achromatopsia
195, 195, 195

Achromatomaly
185, 200, 195

CSS Examples

Text

The CSS property to change the color of the text to RYB 167, 208, 194 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, 208, 167)` looks like.

```
.text, #text, p{  
    color:rgb(181, 208, 167)  
}
```

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, 208, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 208, 167) }
```

Border

The CSS property to change the border of an element to RYB 167, 208, 194 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, 208, 167) }
```

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

```
.border{ border-color:rgb(181, 208, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 208, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 208, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 208, 167); box-shadow:4px 4px 4px 4px rgb(181, 208, 167) }
```

Background

The CSS property to change the background color of an element to RYB 167, 208, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 208, 167) }
```

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

```
.background{ background-color: rgb(181,  
208, 167) }
```

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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