

Converting Colors

`RYB(168, 214, 194)`

Have a look what the booklet for
RYB(168, 214, 194) contains.

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Color

R_YB(168, 214, 194)

Conversions

Conversions Part 1

Format	Color
Hex	BCD6A8
RGB	188, 214, 168
RGB Percent	74%, 84%, 66%
CMY	0.2627, 0.1608, 0.3412
CMYK	0.12, 0.00, 0.21, 0.16
HSL	94°, 36%, 75%
HSV	94°, 21%, 84%
XYZ	51.8535, 61.6117, 46.2051
YIQ	200.9820, -0.7300, -19.8180

Conversions

Conversions Part 2

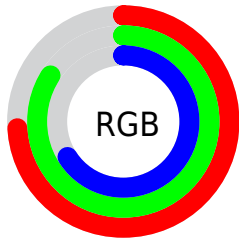
Format	Color
RYB	168, 214, 194
Decimal	12375720
CIELab	82.71, -16.90, 19.89
CIELCh	83, 26.103, 130.361
Yxy	61.6117, 0.3248, 0.3859
Android (android.graphics.Color)	4290565800 (0xFFBCD6A8)
YUV	200.9820, -16.2601, -11.3852
Hunter-Lab	78.4931, -19.4436, 20.0440

Details

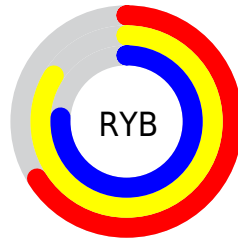
The RYB color **168, 214, 194** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **194, 168, 214**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **223, 255, 234**, and **116, 159, 141** is the 20% darker color. If you saturate the color by 10%, you get **147, 214, 185**, and if you desaturate by 10%, it is **189, 214, 203**.

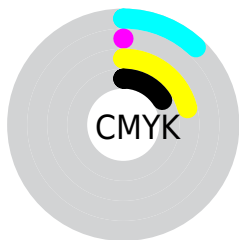
Distribution



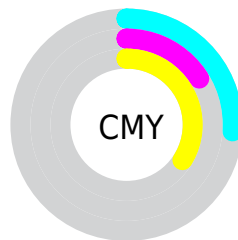
- Red (74%)
- Green (84%)
- Blue (66%)



- Red (66%)
- Yellow (84%)
- Blue (76%)



- Cyan (12%)
- Magenta (0%)
- Yellow (21%)
- Black (16%)



- Cyan (26%)
- Magenta (16%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the RYB color 168, 214, 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 168, 214, 194 by changing the saturation by 10% instead.

 168, 214, 194

 168, 214, 194


255, 255, 255

 141, 186, 166

 223, 255, 234

 116, 159, 141

 252, 255, 252


 91, 133, 115

 67, 108, 91

 45, 83, 68

 23, 60, 45

 0, 38, 20

 0, 17, 17

 0, 0, 0

 168, 214, 194

 168, 214, 194

 147, 214, 185

 189, 214, 203

 125, 214, 175

 211, 214, 213

 104, 214, 166

 224, 214, 232

 82, 214, 156

 236, 214, 254

 61, 214, 147

 248, 214, 255

 40, 214, 139

 255, 214, 255

 18, 214, 129

 0, 214, 121

Harmonies

Analogous

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



169, 216, 158



168, 214, 194



161, 200, 219

Triad

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



168, 214, 194



156, 192, 251



255, 188, 198

Complementary

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



168, 214, 194



194, 168, 214

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.



245, 190, 223



168, 214, 194



188, 202, 254

Square

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



168, 214, 194



138, 182, 237



221, 197, 243



253, 197, 175

Rectangle

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



168, 214, 194



146, 187, 220



221, 197, 243



254, 188, 206

Sweetspot

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



168, 214, 194



240, 255, 249



207, 214, 168



119, 128, 125



0, 0, 0



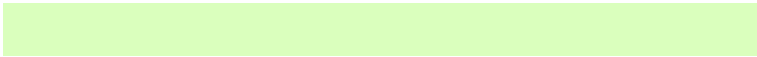
128, 128, 128

Same Dimension

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



168, 214, 194



189, 255, 226



168, 212, 214



96, 107, 102



0, 171, 97



0, 43, 24

Inverse Universe

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



194, 168, 214



226, 189, 255



214, 168, 212



102, 96, 107



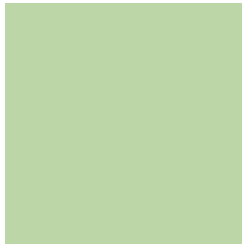
97, 0, 171



25, 0, 43

Previews

White Background



This preview shows how the RYB color 168, 214, 194 looks on a white background.

Color Contrast Check

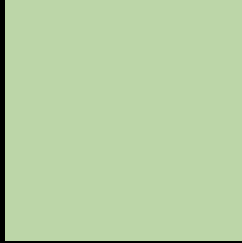
Large Text (above 18pt) WCAG AA × Fail

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 168, 214, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

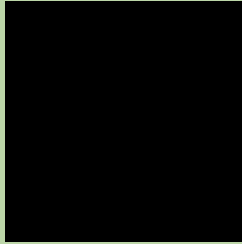
Any Text WCAG AA ✓ Pass

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](#).

R/Y/B 168, 214, 194 Background



This preview shows how black text looks on a background with the R/Y/B color 168, 214, 194.

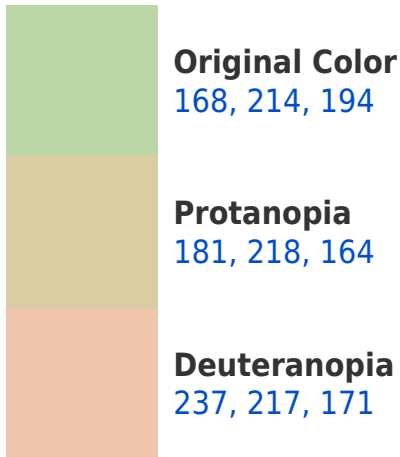


This preview shows how white text looks on a background with the R/Y/B color 168, 214, 194.

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](#).

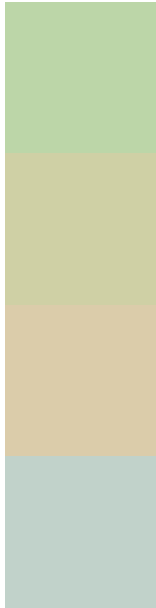
Dichromacy





Tritanopia
196, 204, 223

Trichromacy



Original Color
168, 214, 194

Protanomaly
165, 208, 166

Deuteranomaly
192, 219, 170

Tritanomaly
193, 204, 210

Monochromacy



Original Color
168, 214, 194

Achromatopsia
201, 201, 201

Achromatomaly
189, 206, 199

CSS Examples

Text

The CSS property to change the color of the text to RGB 168, 214, 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(188, 214, 168) looks like.

```
.text, #text, p{  
    color:rgb(188, 214, 168)  
}
```

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(188, 214, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 214, 168) }
```

Border

The CSS property to change the border of an element to RYB 168, 214, 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(188, 214, 168) }
```

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

```
.border{ border-color:rgb(188, 214, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 214, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 214, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 214, 168);  
box-shadow:4px 4px 4px 4px rgb(188, 214,  
168) }
```

Background

The CSS property to change the background color of an element to RYB 168, 214, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 214, 168) }
```

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

```
.background{ background-color: rgb(188,  
214, 168) }
```

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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