

Converting Colors

`RYB(168, 209, 184)`

Have a look what the booklet for
RYB(168, 209, 184) contains.

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Color

R_YB(168, 209, 184)

Conversions

Conversions Part 1

Format	Color
Hex	C1D1A8
RGB	193, 209, 168
RGB Percent	76%, 82%, 66%
CMY	0.2431, 0.1804, 0.3412
CMYK	0.08, 0.00, 0.20, 0.18
HSL	83°, 31%, 74%
HSV	83°, 20%, 82%
XYZ	51.8607, 59.7655, 45.8483
YIQ	199.5420, 3.6250, -16.1430

Conversions

Conversions Part 2

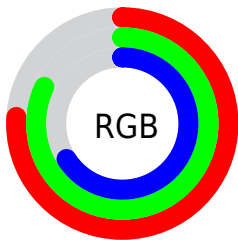
Format	Color
RYB	168, 209, 184
Decimal	12702120
CIELab	81.71, -12.59, 18.56
CIElCh	82, 22.430, 124.156
Yxy	59.7655, 0.3293, 0.3795
Android (android.graphics.Color)	4290892200 (0xFFC1D1A8)
YUV	199.5420, -15.5502, -5.7373
Hunter-Lab	77.3082, -15.5461, 18.9532

Details

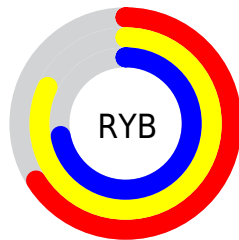
The RYB color **168, 209, 184** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **184, 168, 209**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is **223, 255, 228**, and **116, 155, 132** is the 20% darker color. If you saturate the color by 10%, you get **147, 209, 171**, and if you desaturate by 10%, it is **189, 209, 197**.

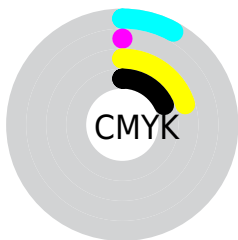
Distribution



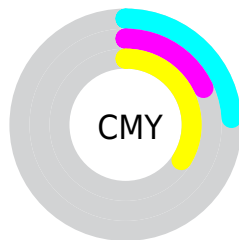
- Red (76%)
- Green (82%)
- Blue (66%)



- Red (66%)
- Yellow (82%)
- Blue (72%)



- Cyan (8%)
- Magenta (0%)
- Yellow (20%)
- Black (18%)



- Cyan (24%)
- Magenta (18%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RYB color 168, 209, 184 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, 209, 184 by changing the saturation by 10% instead.


 168, 209, 184

255, 255, 255


 223, 255, 228

 252, 255, 252

 168, 209, 184

 141, 181, 156


 116, 155, 132


 91, 129, 106

 67, 103, 81

 45, 79, 59

 23, 56, 37

 0, 35, 12

 0, 12, 12

 0, 0, 0

■ 168, 209, 184

■ 168, 209, 184

■ 147, 209, 171

■ 189, 209, 197

■ 126, 209, 158

■ 209, 209, 210

■ 105, 209, 145

■ 217, 209, 231

■ 84, 209, 133

■ 226, 209, 252

■ 63, 209, 120

■ 234, 209, 255

■ 43, 209, 108

■ 242, 209, 255

■ 22, 209, 95

■ 250, 209, 255

■ 1, 209, 82

■ 255, 209, 255

■ 0, 209, 82

Harmonies

Analogous

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



178, 216, 161



168, 209, 184



169, 202, 213

Triad

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



168, 209, 184



158, 190, 240



245, 188, 201

Complementary

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



168, 209, 184



184, 168, 209

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.



233, 191, 222



168, 209, 184



183, 199, 245

Square

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



168, 209, 184



146, 183, 226



211, 197, 238



246, 192, 180

Rectangle

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



168, 209, 184



156, 190, 215



211, 197, 238



243, 189, 208

Sweetspot

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



168, 209, 184



240, 255, 246



209, 194, 168



119, 128, 123



0, 0, 0



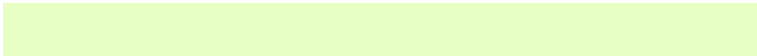
128, 128, 128

Same Dimension

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



168, 209, 184



194, 255, 218



168, 209, 204



94, 105, 99



0, 168, 65



0, 41, 16

Inverse Universe

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



184, 168, 209



218, 194, 255



204, 168, 209



98, 94, 105



66, 0, 168



16, 0, 41

Previews

White Background



This preview shows how the RYB color 168, 209, 184 looks on a white background.

Color Contrast Check

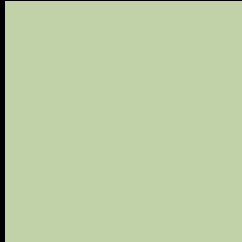
Large Text (above 18pt) WCAG AA × Fail

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, 209, 184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

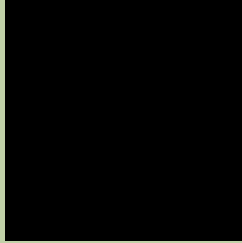
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

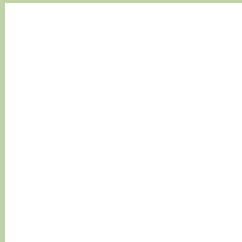
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 168, 209, 184 Background



This preview shows how black text looks on a background with the RYB color 168, 209, 184.



This preview shows how white text looks on a background with the RYB color 168, 209, 184.

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



Original Color
168, 209, 184

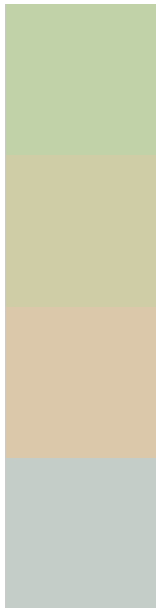
Protanopia
183, 215, 165

Deuteranopia
234, 210, 171



Tritanopia
200, 202, 218

Trichromacy



Original Color
168, 209, 184

Protanomaly
168, 207, 166

Deuteranomaly
201, 219, 170

Tritanomaly
197, 203, 205

Monochromacy



Original Color
168, 209, 184

Achromatopsia
200, 200, 200

Achromatomaly
188, 203, 194

CSS Examples

Text

The CSS property to change the color of the text to RYB 168, 209, 184 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(193, 209, 168)` looks like.

```
.text, #text, p{  
    color:rgb(193, 209, 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(193, 209, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 209, 168) }
```

Border

The CSS property to change the border of an element to RYB 168, 209, 184 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(193, 209, 168) }
```

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

```
.border{ border-color:rgb(193, 209, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 209, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 209, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 209, 168);  
box-shadow:4px 4px 4px 4px rgb(193, 209,  
168) }
```

Background

The CSS property to change the background color of an element to RYB 168, 209, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 209, 168) }
```

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

```
.background{ background-color: rgb(193,  
209, 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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