

Converting Colors

`RYB(189, 218, 207)`

Have a look what the booklet for
RYB(189, 218, 207) contains.

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Color

R_YB(189, 218, 207)

Conversions

Conversions Part 1

Format	Color
Hex	C8DABD
RGB	200, 218, 189
RGB Percent	78%, 85%, 74%
CMY	0.2157, 0.1451, 0.2588
CMYK	0.08, 0.00, 0.13, 0.15
HSL	97°, 28%, 80%
HSV	97°, 13%, 85%
XYZ	58.0761, 66.0963, 57.8410
YIQ	209.3120, -1.4190, -12.8350

Conversions

Conversions Part 2

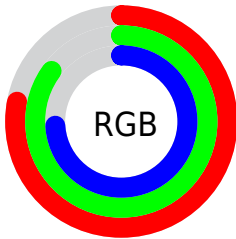
Format	Color
RYB	189, 218, 207
Decimal	13163197
CIELab	85.05, -11.26, 12.24
CIElCh	85, 16.629, 132.608
Yxy	66.0963, 0.3191, 0.3631
Android (android.graphics.Color)	4291353277 (0xFFC8DABD)
YUV	209.3120, -10.0138, -8.1666
Hunter-Lab	81.2996, -14.7634, 14.7276

Details

The RYB color **189, 218, 207** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **207, 189, 218**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is **245, 255, 245**, and **136, 163, 153** is the 20% darker color. If you saturate the color by 10%, you get **167, 218, 199**, and if you desaturate by 10%, it is **211, 218, 215**.

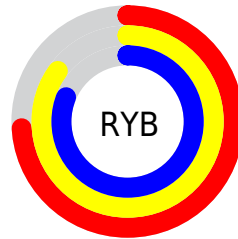
Distribution



Red (78%)

Green (85%)

Blue (74%)



Red (74%)

Yellow (85%)

Blue (81%)

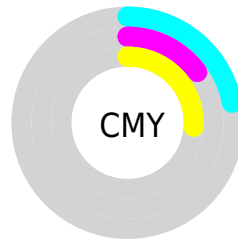


Cyan (8%)

Magenta (0%)

Yellow (13%)

Black (15%)



Cyan (22%)

Magenta (15%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RYB color 189, 218, 207 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 189, 218, 207 by changing the saturation by 10% instead.


 189, 218, 207


255, 255, 255


 245, 255, 245

 189, 218, 207


 162, 190, 179

 136, 163, 153

 110, 137, 127

 86, 111, 102

 63, 87, 79

 41, 64, 56

 20, 42, 35


 0, 22, 22

 0, 0, 0

 189, 218, 207

 189, 218, 207

 167, 218, 199

 211, 218, 215

 145, 218, 190

 227, 218, 233

 124, 218, 183

 241, 218, 254

 102, 218, 174

 254, 218, 255

 80, 218, 166

 255, 218, 255

 58, 218, 157

 36, 218, 149

 15, 218, 141

 0, 218, 135

Harmonies

Analogous

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



188, 218, 182



189, 218, 207



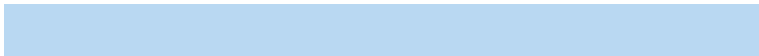
183, 208, 221

Triad

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



189, 218, 207



185, 205, 242



246, 202, 206

Complementary

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



189, 218, 207



207, 189, 218

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.



239, 203, 222



189, 218, 207



204, 210, 243

Square

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



189, 218, 207



173, 199, 233



224, 206, 236



244, 208, 192

Rectangle

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



189, 218, 207



176, 201, 222



224, 206, 236



244, 202, 212

Sweetspot

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



189, 218, 207



245, 255, 251



207, 218, 189



121, 128, 125



0, 0, 0



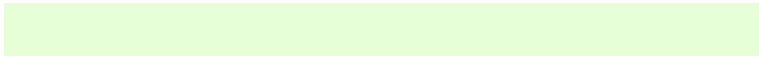
128, 128, 128

Same Dimension

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



189, 218, 207



214, 255, 239



189, 215, 218



99, 110, 106



0, 173, 107



0, 46, 29

Inverse Universe

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



207, 189, 218



240, 214, 255



218, 189, 215



105, 99, 110



108, 0, 173



28, 0, 46

Previews

White Background



This preview shows how the RYB color 189, 218, 207 looks on a white background.

Color Contrast Check

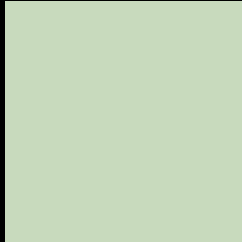
Large Text (above 18pt) WCAG AA × Fail

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 189, 218, 207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

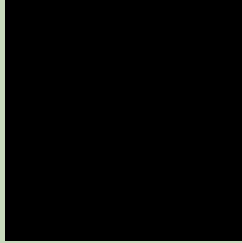
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

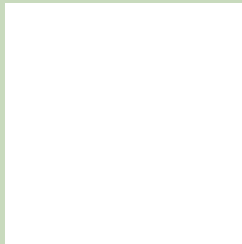
Any Text WCAG AAA ✓ Pass

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

RYB 189, 218, 207 Background



This preview shows how black text looks on a background with the RYB color 189, 218, 207.

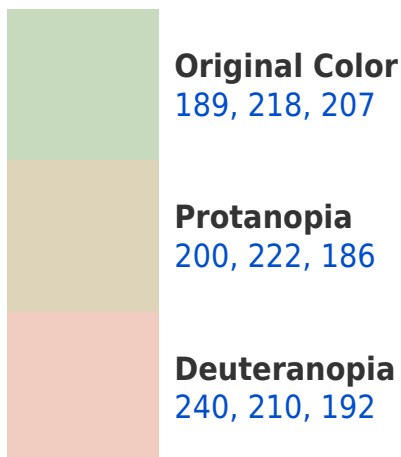


This preview shows how white text looks on a background with the RYB color 189, 218, 207.

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
206, 211, 229

Trichromacy



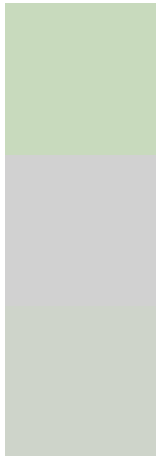
Original Color
189, 218, 207

Protanomaly
187, 214, 187

Deuteranomaly
218, 225, 191

Tritanomaly
204, 209, 214

Monochromacy



Original Color
189, 218, 207

Achromatopsia
209, 209, 209

Achromatomaly
202, 212, 208

CSS Examples

Text

The CSS property to change the color of the text to RYB 189, 218, 207 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(200, 218, 189)` looks like.

```
.text, #text, p{  
    color:rgb(200, 218, 189)  
}
```

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(200, 218, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 218, 189) }
```

Border

The CSS property to change the border of an element to RYB 189, 218, 207 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(200, 218, 189) }
```

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

```
.border{ border-color:rgb(200, 218, 189) }
```

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

Here you see how a box with a 4 pixel rgb(200, 218, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 218, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 218, 189);  
box-shadow:4px 4px 4px 4px rgb(200, 218,  
189) }
```

Background

The CSS property to change the background color of an element to RYB 189, 218, 207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 218, 189) }
```

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

```
.background{ background-color: rgb(200,  
218, 189) }
```

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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