

Converting Colors

`RYB(188, 209, 199)`

Have a look what the booklet for
RYB(188, 209, 199) contains.

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Color

R_YB(188, 209, 199)

Conversions

Conversions Part 1

Format	Color
Hex	C6D1BC
RGB	198, 209, 188
RGB Percent	78%, 82%, 74%
CMY	0.2235, 0.1804, 0.2627
CMYK	0.05, 0.00, 0.10, 0.18
HSL	91°, 19%, 78%
HSV	91°, 10%, 82%
XYZ	55.1663, 61.2375, 56.4894
YIQ	203.3170, 0.1850, -8.8630

Conversions

Conversions Part 2

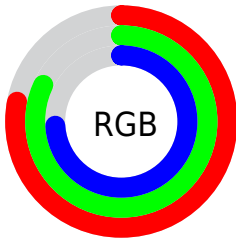
Format	Color
RYB	188, 209, 199
Decimal	13029820
CIELab	82.51, -7.52, 9.13
CIELCh	83, 11.830, 129.470
Yxy	61.2375, 0.3191, 0.3542
Android (android.graphics.Color)	4291219900 (0xFFC6D1BC)
YUV	203.3170, -7.5513, -4.6630
Hunter-Lab	78.2544, -11.1098, 11.9785

Details

The RYB color **188, 209, 199** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **199, 188, 209**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **244, 255, 244**, and **135, 155, 146** is the 20% darker color. If you saturate the color by 10%, you get **167, 209, 189**, and if you desaturate by 10%, it is **209, 209, 209**.

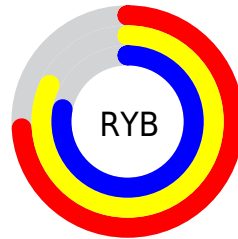
Distribution



Red (78%)

Green (82%)

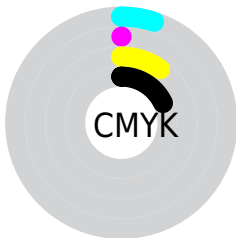
Blue (74%)



Red (74%)

Yellow (82%)

Blue (78%)

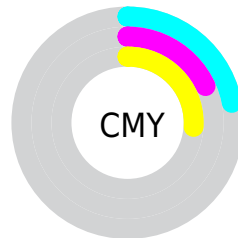


Cyan (5%)

Magenta (0%)

Yellow (10%)

Black (18%)



Cyan (22%)

Magenta (18%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RYB color 188, 209, 199 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 188, 209, 199 by changing the saturation by 10% instead.

 188, 209, 199

255, 255, 255

 244, 255, 244

 188, 209, 199

 161, 181, 171

 135, 155, 146


 109, 129, 120

 85, 104, 95

 62, 79, 71

 40, 57, 49

 20, 35, 28

 0, 14, 14

 0, 0, 0

■ 188, 209, 199

■ 188, 209, 199

■ 167, 209, 189

■ 209, 209, 209

■ 146, 209, 179

■ 220, 209, 230

■ 125, 209, 169

■ 231, 209, 251

■ 104, 209, 159

■ 242, 209, 255

■ 84, 209, 150

■ 253, 209, 255

■ 63, 209, 140

■ 255, 209, 255

■ 42, 209, 130

■ 21, 209, 120

■ 0, 209, 109

Harmonies

Analogous

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



189, 211, 183



188, 209, 199



186, 203, 211

Triad

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



188, 209, 199



186, 201, 226



229, 198, 202

Complementary

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



188, 209, 199



199, 188, 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.



223, 199, 213



188, 209, 199



198, 204, 227

Square

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



188, 209, 199



178, 196, 219



212, 201, 222



228, 201, 192

Rectangle

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



188, 209, 199



181, 198, 212



212, 201, 222



228, 198, 206

Sweetspot

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



188, 209, 199



247, 255, 251



207, 209, 188



122, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

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



188, 209, 199



224, 255, 240



188, 209, 209



94, 105, 100



0, 168, 88



0, 41, 22

Inverse Universe

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



199, 188, 209



240, 224, 255



209, 188, 209



100, 94, 105



88, 0, 168



21, 0, 41

Previews

White Background



This preview shows how the RYB color 188, 209, 199 looks on a white background.

Color Contrast Check

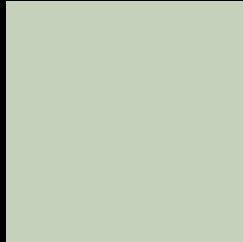
Large Text (above 18pt) WCAG AA × Fail

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 188, 209, 199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

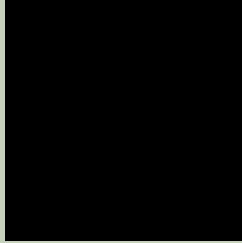
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

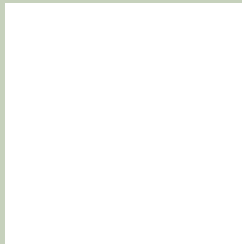
Any Text WCAG AAA ✓ Pass

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

R Y B 188, 209, 199 Background



This preview shows how black text looks on a background with the RYB color 188, 209, 199.

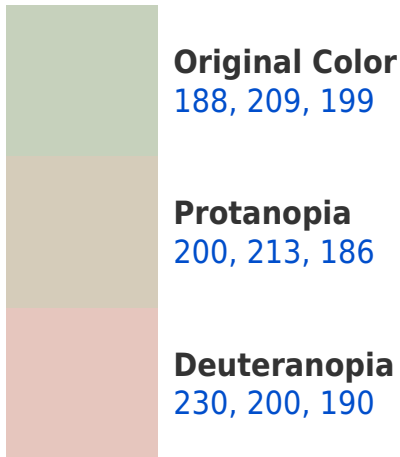


This preview shows how white text looks on a background with the RYB color 188, 209, 199.

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](#).

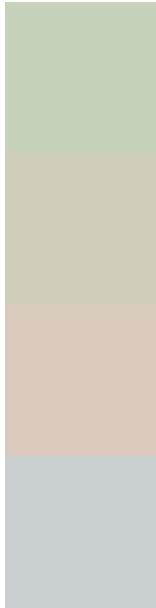
Dichromacy





Tritanopia
203, 204, 220

Trichromacy



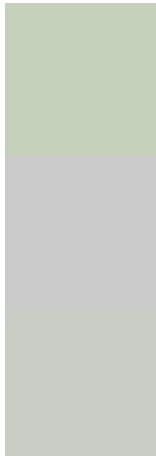
Original Color
188, 209, 199

Protanomaly
189, 208, 187

Deuteranomaly
218, 213, 189

Tritanomaly
201, 204, 208

Monochromacy



Original Color
188, 209, 199

Achromatopsia
203, 203, 203

Achromatomaly
198, 205, 202

CSS Examples

Text

The CSS property to change the color of the text to RYB 188, 209, 199 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(198, 209, 188)` looks like.

```
.text, #text, p{  
    color:rgb(198, 209, 188)  
}
```

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(198, 209, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 209, 188) }
```

Border

The CSS property to change the border of an element to RYB 188, 209, 199 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(198, 209, 188) }
```

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

```
.border{ border-color:rgb(198, 209, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 209, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 209, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 209, 188); box-shadow:4px 4px 4px 4px rgb(198, 209, 188) }
```

Background

The CSS property to change the background color of an element to RYB 188, 209, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 209, 188) }
```

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

```
.background{ background-color: rgb(198,  
209, 188) }
```

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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