

# Converting Colors

`RYB(188, 208, 192)`

Have a look what the booklet for  
RYB(188, 208, 192) contains.

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# **Color**

**R<sub>Y</sub>B(188, 208, 192)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CCD0BC
RGB	204, 208, 188
RGB Percent	80%, 82%, 74%
CMY	0.2000, 0.1843, 0.2627
CMYK	0.02, 0.00, 0.10, 0.18
HSL	72°, 18%, 78%
HSV	72°, 10%, 82%
XYZ	56.5348, 61.5800, 56.4834
YIQ	204.5240, 4.0360, -7.0680

# Conversions

## Conversions Part 2

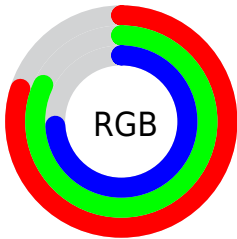
Format	Color
<b>RYB</b>	188, 208, 192
Decimal	13422780
CIELab	82.69, -4.89, 9.45
CIELCh	83, 10.643, 117.347
Yxy	61.5800, 0.3238, 0.3527
Android (android.graphics.Color)	4291612860 (0xFFCCD0BC)
YUV	204.5240, -8.1463, -0.4595
Hunter-Lab	78.4729, -8.7295, 12.2552

# Details

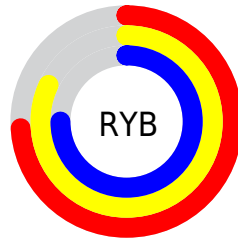
The RYB color **188, 208, 192** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **192, 188, 208**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **244, 255, 244**, and **135, 154, 139** is the 20% darker color. If you saturate the color by 10%, you get **167, 208, 175**, and if you desaturate by 10%, it is **208, 208, 209**.

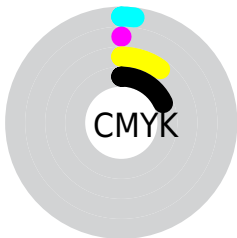
# Distribution



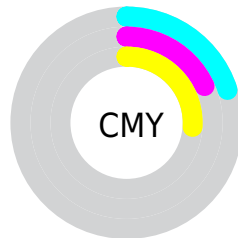
- Red (80%)
- Green (82%)
- Blue (74%)



- Red (74%)
- Yellow (82%)
- Blue (75%)



- Cyan (2%)
- Magenta (0%)
- Yellow (10%)
- Black (18%)



- Cyan (20%)
- Magenta (18%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 188, 208, 192 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, 208, 192 by changing the saturation by 10% instead.




 188, 208, 192

255, 255, 255

 244, 255, 244


 188, 208, 192

 161, 180, 164

 135, 154, 139


 109, 128, 113

 85, 103, 89

 62, 79, 66

 40, 56, 44

 20, 34, 23

 0, 13, 11

 0, 0, 0

 188, 208, 192

 188, 208, 192

 167, 208, 175

 208, 208, 209

 146, 208, 158

 212, 208, 230

 126, 208, 142

 216, 208, 250

 105, 208, 126

 221, 208, 255

 84, 208, 109

 225, 208, 255

 63, 208, 92

 229, 208, 255

 42, 208, 75

 233, 208, 255

 22, 208, 59

 237, 208, 255

 1, 208, 42

 241, 208, 255

# Harmonies

## Analogous

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



201, 215, 186



188, 208, 192



193, 209, 211

# Triad

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



188, 208, 192



185, 200, 222



226, 199, 207

# Complementary

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



188, 208, 192



192, 188, 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.



218, 201, 217



188, 208, 192



194, 203, 226

# Square

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



188, 208, 192



181, 197, 215



207, 204, 224



228, 200, 197

# Rectangle

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



188, 208, 192



186, 202, 212



207, 204, 224



224, 200, 210



# Sweetspot

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



188, 208, 192



247, 255, 249



208, 193, 188



122, 128, 124



0, 0, 0



128, 128, 128

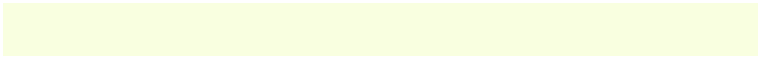


# Same Dimension

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



188, 208, 192



224, 255, 230



188, 208, 202



94, 105, 97



0, 168, 33



0, 41, 8



# Inverse Universe

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



192, 188, 208



231, 224, 255



202, 188, 208



96, 94, 105



34, 0, 168

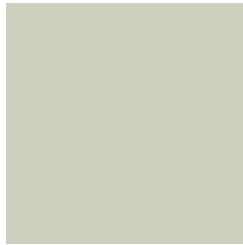


8, 0, 41



# Previews

## White Background



This preview shows how the RYB color 188, 208, 192 looks on a white background.

## Color Contrast Check

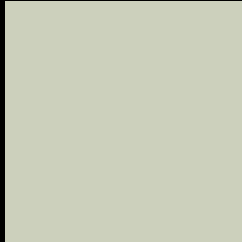
Large Text (above 18pt) WCAG AA × Fail

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, 208, 192 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

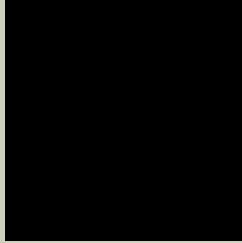
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

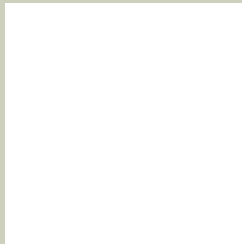
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## **R/Y/B 188, 208, 192 Background**



This preview shows how black text looks on a background with the R/Y/B color 188, 208, 192.

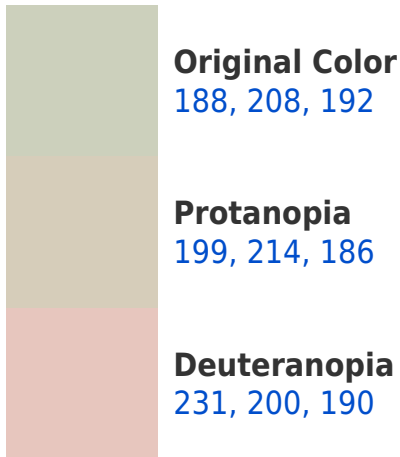


This preview shows how white text looks on a background with the R/Y/B color 188, 208, 192.

# 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](#).

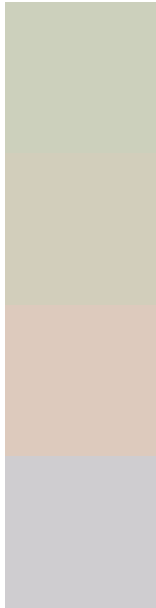
## Dichromacy





**Tritanopia**  
209, 203, 219

# Trichromacy



**Original Color**

188, 208, 192

**Protanomaly**

192, 210, 187

**Deuteranomaly**

221, 211, 189

**Tritanomaly**

207, 205, 208

# Monochromacy



**Original Color**

188, 208, 192

**Achromatopsia**

205, 205, 205

**Achromatomaly**

199, 206, 200

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 188, 208, 192 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(204, 208, 188) looks like.

```
.text, #text, p{  
    color:rgb(204, 208, 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(204, 208, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 208, 188) }
```

## Border

The CSS property to change the border of an element to RYB 188, 208, 192 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(204, 208, 188) }
```

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

```
.border{ border-color:rgb(204, 208, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 208, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 208, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 208, 188);  
box-shadow:4px 4px 4px 4px rgb(204, 208,  
188) }
```

# Background

The CSS property to change the background color of an element to RYB 188, 208, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 208, 188) }
```

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

```
.background{ background-color: rgb(204,  
208, 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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