

Converting Colors

`RYB(202, 208, 198)`

Have a look what the booklet for
RYB(202, 208, 198) contains.

RYB(202, 208, 198)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(202, 208, 198)

Conversions

Conversions Part 1

Format	Color
Hex	D0CDC6
RGB	208, 205, 198
RGB Percent	82%, 80%, 78%
CMY	0.1843, 0.1955, 0.2235
CMYK	0.00, 0.01, 0.05, 0.18
HSL	43°, 10%, 80%
HSV	43°, 5%, 82%
XYZ	58.0710, 61.2181, 62.1817
YIQ	205.0990, 4.0350, -1.5410

Conversions

Conversions Part 2

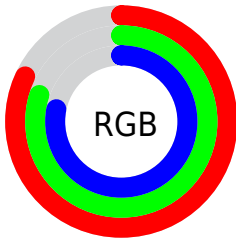
Format	Color
RYB	202, 208, 198
Decimal	13684166
CIELab	82.50, -0.28, 3.89
CIELCh	82, 3.898, 94.118
Yxy	61.2181, 0.3200, 0.3373
Android (android.graphics.Color)	4291874246 (0xFFD0CDC6)
YUV	205.0990, -3.4998, 2.5442
Hunter-Lab	78.2420, -4.4414, 7.6496

Details

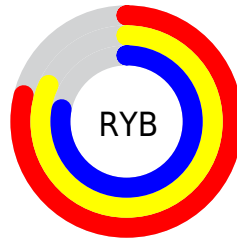
The RYB color **202, 208, 198** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **198, 200, 208**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **255, 255, 255**, and **148, 154, 144** is the 20% darker color. If you saturate the color by 10%, you get **190, 208, 177**, and if you desaturate by 10%, it is **208, 210, 219**.

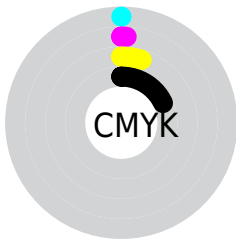
Distribution



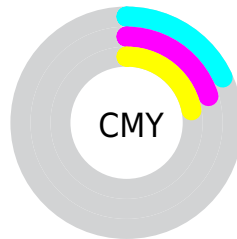
- Red (82%)
- Green (80%)
- Blue (78%)



- Red (79%)
- Yellow (82%)
- Blue (78%)



- Cyan (0%)
- Magenta (1%)
- Yellow (5%)
- Black (18%)



- Cyan (18%)
- Magenta (20%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 202, 208, 198 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 202, 208, 198 by changing the saturation by 10% instead.

■ 202, 208, 198

255, 255, 255

■ 202, 208, 198

■ 174, 180, 171

■ 148, 154, 144

■ 124, 128, 119

■ 99, 103, 94

■ 75, 79, 70

■ 51, 56, 48

■ 30, 34, 27

■ 6, 13, 0

■ 0, 0, 0

 202, 208, 198

 202, 208, 198

 190, 208, 177

 208, 210, 219

 177, 208, 156


 208, 215, 240

 166, 208, 136

 208, 219, 255

 153, 208, 115


 208, 223, 255

 140, 208, 94


 208, 225, 255

 128, 208, 73

 208, 227, 255

 113, 208, 52

 208, 229, 255

 102, 208, 32

 208, 231, 255

 89, 208, 11

 208, 232, 255

Harmonies

Analogous

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



212, 207, 199



202, 208, 198



199, 206, 201

Triad

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



202, 208, 198



197, 202, 209



211, 203, 209

Complementary

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



202, 208, 198



198, 200, 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.



207, 204, 211



202, 208, 198



199, 204, 212

Square

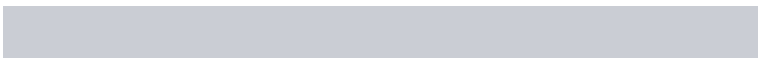
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



202, 208, 198



197, 203, 208



202, 204, 212



213, 203, 205

Rectangle

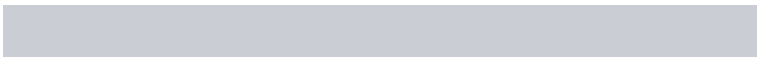
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



202, 208, 198



201, 207, 207



202, 204, 212



209, 204, 210

Sweetspot

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



202, 208, 198



254, 255, 252



208, 198, 201



128, 128, 126



0, 0, 0



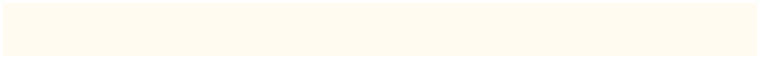
128, 128, 128

Same Dimension

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



202, 208, 198



245, 255, 240



198, 208, 200



102, 105, 97



67, 168, 0



17, 41, 0

Inverse Universe

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



198, 200, 208



240, 243, 255



200, 198, 208



97, 99, 105



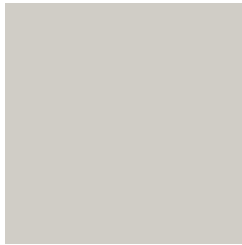
0, 37, 168



0, 9, 41

Previews

White Background



This preview shows how the RYB color 202, 208, 198 looks on a white background.

Color Contrast Check

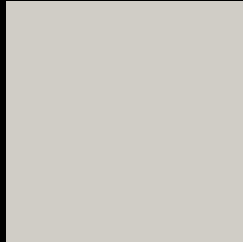
Large Text (above 18pt) WCAG AA × Fail

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 202, 208, 198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

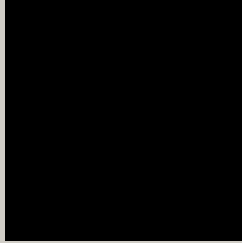
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

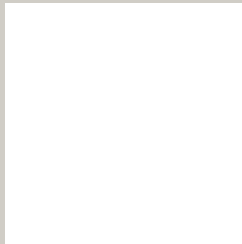
Any Text WCAG AAA ✓ Pass

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

RYB 202, 208, 198 Background



This preview shows how black text looks on a background with the RYB color 202, 208, 198.

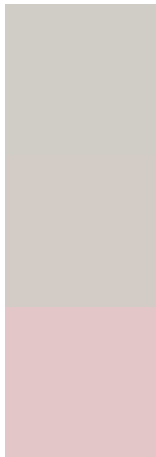


This preview shows how white text looks on a background with the RYB color 202, 208, 198.

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
202, 208, 198

Protanopia
211, 209, 198

Deuteranopia
227, 198, 199



Tritanopia
211, 202, 218

Trichromacy



Original Color

202, 208, 198

Protanomaly

210, 210, 198

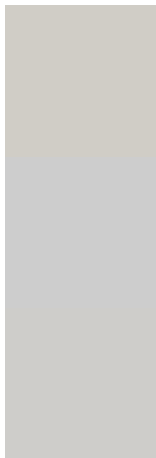
Deuteranomaly

220, 201, 199

Tritanomaly

210, 203, 211

Monochromacy



Original Color

202, 208, 198

Achromatopsia

205, 205, 205

Achromatomaly

203, 206, 202

CSS Examples

Text

The CSS property to change the color of the text to RYB 202, 208, 198 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(208, 205, 198) looks like.

```
.text, #text, p{  
    color:rgb(208, 205, 198)  
}
```

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(208, 205, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 205, 198) }
```

Border

The CSS property to change the border of an element to RYB 202, 208, 198 is called "border". The border property can be set on classes, ids or directly on the HTML element.

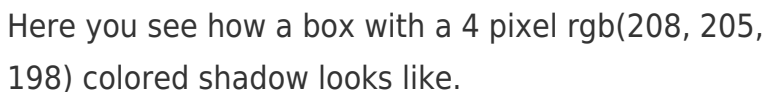
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(208, 205, 198) }
```

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

```
.border{ border-color:rgb(208, 205, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(208, 205, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(208, 205, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(208, 205, 198); box-shadow:4px 4px 4px 4px rgb(208, 205, 198) }
```

Background

The CSS property to change the background color of an element to RYB 202, 208, 198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 205, 198) }
```

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

```
.background{ background-color: rgb(208,  
205, 198) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor