

Converting Colors

`RYB(209, 198, 196)`

Have a look what the booklet for
RYB(209, 198, 196) contains.

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Color

R_YB(209, 198, 196)

Conversions

Conversions Part 1

Format	Color
Hex	D1C6C4
RGB	209, 198, 196
RGB Percent	82%, 78%, 77%
CMY	0.1804, 0.2246, 0.2314
CMYK	0.00, 0.05, 0.06, 0.18
HSL	8°, 12%, 79%
HSV	8°, 6%, 82%
XYZ	56.3915, 57.8072, 60.4103
YIQ	201.0610, 7.1980, 1.7100

Conversions

Conversions Part 2

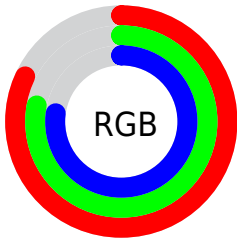
Format	Color
R _Y B	209, 198, 196
Decimal	13747908
CIE Lab	80.63, 3.63, 2.26
CIE LCh	81, 4.275, 31.987
Yxy	57.8072, 0.3230, 0.3311
Android (android.graphics.Color)	4291937988 (0xFFD1C6C4)
YUV	201.0610, -2.4951, 6.9625
Hunter-Lab	76.0310, -0.6626, 6.1130

Details

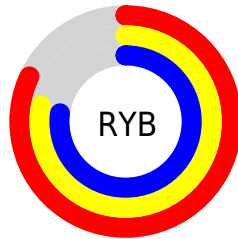
The RYB color **209, 198, 196** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **196, 202, 209**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is 253, 255, 253, and **155, 144, 142** is the 20% darker color. If you saturate the color by 10%, you get **209, 181, 175**, and if you desaturate by 10%, it is **209, 213, 217**.

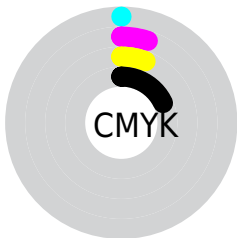
Distribution



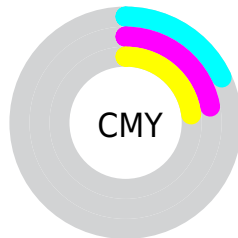
- Red (82%)
- Green (78%)
- Blue (77%)



- Red (82%)
- Yellow (78%)
- Blue (77%)



- Cyan (0%)
- Magenta (5%)
- Yellow (6%)
- Black (18%)



- Cyan (18%)
- Magenta (22%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RYB color 209, 198, 196 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 209, 198, 196 by changing the saturation by 10% instead.

■ 209, 198, 196

255, 255, 255

■ 255, 255, 253

■ 209, 198, 196

■ 181, 170, 169

■ 155, 144, 142

■ 129, 118, 117

■ 103, 94, 92

■ 79, 70, 69

■ 56, 49, 46


■ 35, 27, 26

■ 13, 0, 0

■ 0, 0, 0

 209, 198, 196


 209, 198, 196

 209, 181, 175

 209, 213, 217

 209, 163, 154

 209, 222, 238

 209, 145, 133

 209, 231, 255

 209, 127, 112

 209, 232, 255

 209, 109, 92

 209, 92, 71

 209, 74, 50

 209, 57, 29

 209, 39, 8

Harmonies

Analogous

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



209, 197, 200



209, 198, 196



207, 204, 193

Triad

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



209, 198, 196



194, 200, 202



197, 199, 208

Complementary

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



209, 198, 196



196, 202, 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.



193, 198, 207



209, 198, 196



191, 198, 203

Square

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



209, 198, 196



193, 201, 195



191, 197, 204



201, 199, 207

Rectangle

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



209, 198, 196



203, 205, 192



191, 197, 204



195, 199, 208

Sweetspot

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



209, 198, 196



255, 251, 250



209, 196, 207



128, 125, 125



0, 0, 0



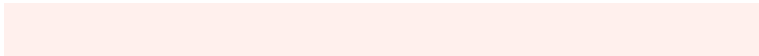
128, 128, 128

Same Dimension

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



209, 198, 196



255, 241, 237



204, 209, 196



105, 97, 96



168, 25, 0



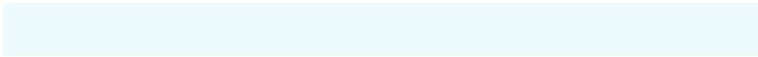
41, 6, 0

Inverse Universe

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



196, 202, 209



237, 245, 255



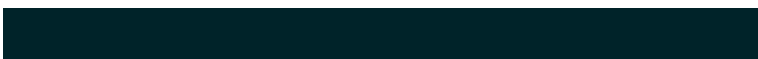
196, 200, 209



96, 100, 105



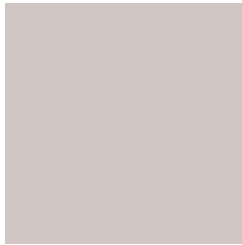
0, 78, 168



0, 19, 41

Previews

White Background



This preview shows how the RYB color 209, 198, 196 looks on a white background.

Color Contrast Check

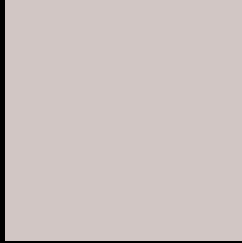
Large Text (above 18pt) WCAG AA × Fail

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 209, 198, 196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

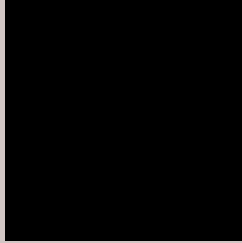
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

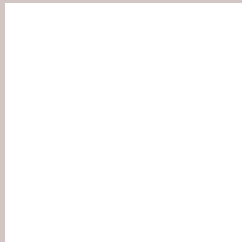
Any Text WCAG AAA ✓ Pass

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

R/Y/B 209, 198, 196 Background



This preview shows how black text looks on a background with the R/Y/B color 209, 198, 196.

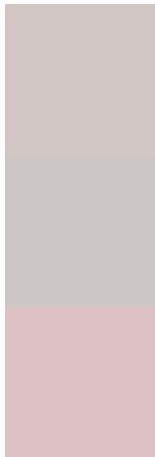


This preview shows how white text looks on a background with the R/Y/B color 209, 198, 196.

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
209, 198, 196

Protanopia
204, 200, 197

Deuteranopia
221, 194, 197



Tritanopia
211, 195, 211

Trichromacy



Original Color

209, 198, 196

Protanomaly

206, 200, 197

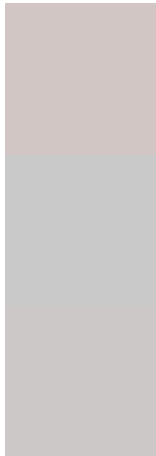
Deuteranomaly

217, 195, 197

Tritanomaly

210, 196, 206

Monochromacy



Original Color

209, 198, 196

Achromatopsia

201, 201, 201

Achromatomaly

204, 200, 199

CSS Examples

Text

The CSS property to change the color of the text to RYB 209, 198, 196 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(209, 198, 196) looks like.

```
.text, #text, p{  
    color:rgb(209, 198, 196)  
}
```

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(209, 198, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 198, 196) }
```

Border

The CSS property to change the border of an element to RYB 209, 198, 196 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(209, 198, 196) }
```

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

```
.border{ border-color:rgb(209, 198, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 198, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 198, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 198, 196);  
box-shadow:4px 4px 4px 4px rgb(209, 198,  
196) }
```

Background

The CSS property to change the background color of an element to RYB 209, 198, 196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 198, 196) }
```

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

```
.background{ background-color: rgb(209,  
198, 196) }
```

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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