

Converting Colors

`RYB(201, 209, 195)`

Have a look what the booklet for
RYB(201, 209, 195) contains.

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Color

R_YB(201, 209, 195)

Conversions

Conversions Part 1

Format	Color
Hex	D1CDC3
RGB	209, 205, 195
RGB Percent	82%, 80%, 76%
CMY	0.1804, 0.1969, 0.2353
CMYK	0.00, 0.02, 0.07, 0.18
HSL	42°, 13%, 79%
HSV	42°, 7%, 82%
XYZ	57.9283, 61.0625, 60.3628
YIQ	205.0560, 5.5940, -2.2620

Conversions

Conversions Part 2

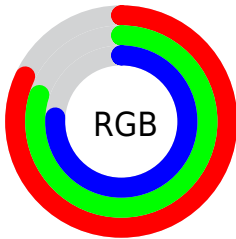
Format	Color
R _Y B	201, 209, 195
Decimal	13749699
CIE Lab	82.41, -0.27, 5.38
CIE LCh	82, 5.385, 92.847
Yxy	61.0625, 0.3230, 0.3405
Android (android.graphics.Color)	4291939779 (0xFFD1CDC3)
YUV	205.0560, -4.9576, 3.4589
Hunter-Lab	78.1425, -4.4243, 8.8999

Details

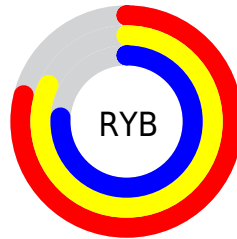
The RYB color **201, 209, 195** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **195, 198, 209**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is 252, 255, 252, and **147, 155, 141** is the 20% darker color. If you saturate the color by 10%, you get **188, 209, 174**, and if you desaturate by 10%, it is **209, 211, 216**.

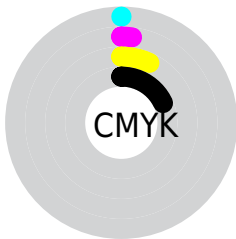
Distribution



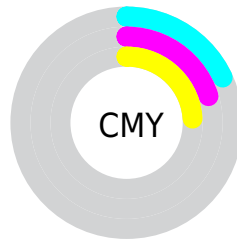
- Red (82%)
- Green (80%)
- Blue (76%)



- Red (79%)
- Yellow (82%)
- Blue (76%)



- Cyan (0%)
- Magenta (2%)
- Yellow (7%)
- Black (18%)



- Cyan (18%)
- Magenta (20%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 201, 209, 195 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 201, 209, 195 by changing the saturation by 10% instead.

■ 201, 209, 195

255, 255, 255

252, 255, 252

■ 201, 209, 195

■ 174, 181, 168

■ 147, 155, 141

■ 122, 129, 116

■ 95, 103, 91

■ 72, 79, 68

■ 50, 56, 46

■ 29, 35, 25

■ 6, 13, 0

■ 0, 0, 0

 201, 209, 195

 201, 209, 195

 188, 209, 174

 209, 211, 216

 177, 209, 153


 209, 215, 237

 165, 209, 132

 209, 220, 255

 152, 209, 111

 209, 223, 255

 142, 209, 90

 209, 226, 255

 130, 209, 70

 209, 228, 255

 118, 209, 49

 209, 230, 255

 105, 209, 28

 209, 232, 255

 94, 209, 7

Harmonies

Analogous

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



214, 207, 196



201, 209, 195



196, 206, 199

Triad

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



201, 209, 195



193, 201, 210



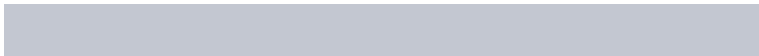
212, 202, 210

Complementary

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



201, 209, 195



195, 198, 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.



207, 204, 214



201, 209, 195



196, 203, 214

Square

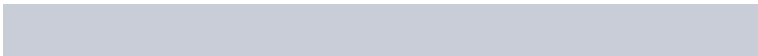
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



201, 209, 195



194, 202, 208



201, 204, 215



216, 202, 205

Rectangle

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



201, 209, 195



199, 207, 207



201, 204, 215



211, 203, 211

Sweetspot

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



201, 209, 195



253, 255, 250



209, 195, 199



127, 128, 125



0, 0, 0



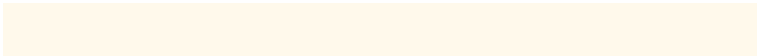
128, 128, 128

Same Dimension

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



201, 209, 195



244, 255, 235



195, 209, 198



100, 105, 94



71, 168, 0



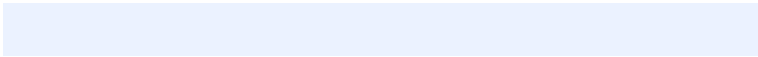
17, 41, 0

Inverse Universe

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



195, 198, 209



235, 240, 255



198, 195, 209



94, 96, 105



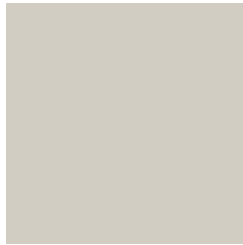
0, 39, 168



0, 9, 41

Previews

White Background



This preview shows how the RYB color 201, 209, 195 looks on a white background.

Color Contrast Check

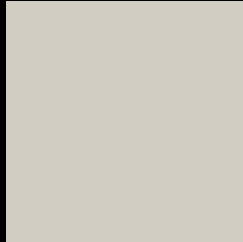
Large Text (above 18pt) WCAG AA × Fail

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 201, 209, 195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

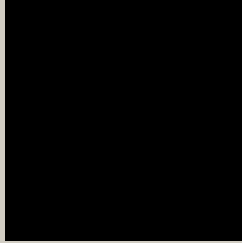
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

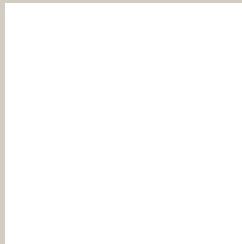
Any Text WCAG AAA ✓ Pass

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

RYB 201, 209, 195 Background



This preview shows how black text looks on a background with the RYB color 201, 209, 195.

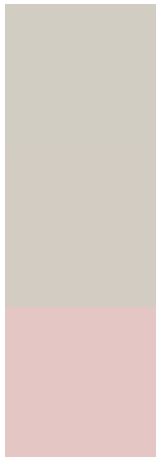


This preview shows how white text looks on a background with the RYB color 201, 209, 195.

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
201, 209, 195

Protanopia
207, 211, 195

Deuteranopia
228, 198, 196



Tritanopia
212, 201, 217

Trichromacy



Original Color

201, 209, 195

Protanomaly

205, 210, 195

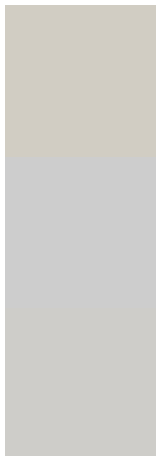
Deuteranomaly

221, 201, 196

Tritanomaly

211, 202, 209

Monochromacy



Original Color

201, 209, 195

Achromatopsia

205, 205, 205

Achromatomaly

202, 206, 201

CSS Examples

Text

The CSS property to change the color of the text to RYB 201, 209, 195 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, 205, 195) looks like.

```
.text, #text, p{  
    color:rgb(209, 205, 195)  
}
```

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, 205, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 205, 195) }
```

Border

The CSS property to change the border of an element to RYB 201, 209, 195 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, 205, 195) }
```

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

```
.border{ border-color:rgb(209, 205, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 205, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 205, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 205, 195); box-shadow:4px 4px 4px 4px rgb(209, 205, 195) }
```

Background

The CSS property to change the background color of an element to RGB 209, 205, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 205, 195) }
```

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

```
.background{ background-color: rgb(209,  
205, 195) }
```

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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