

Converting Colors

`RYB(212, 205, 210)`

Have a look what the booklet for
RYB(212, 205, 210) contains.

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Color

$\text{RYB}(212, 205, 210)$

Conversions

Conversions Part 1

Format	Color
Hex	D4CDD2
RGB	212, 205, 210
RGB Percent	83%, 80%, 82%
CMY	0.1686, 0.1961, 0.1765
CMYK	0.00, 0.03, 0.01, 0.17
HSL	317°, 8%, 82%
HSV	317°, 3%, 83%
XYZ	60.6156, 62.3128, 69.8056
YIQ	207.6630, 2.5670, 3.0390

Conversions

Conversions Part 2

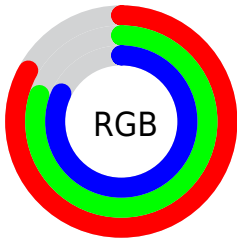
Format	Color
R_{YB}	212, 205, 210
Decimal	13946322
CIE Lab	83.08, 3.31, -1.63
CIE LCh	83, 3.691, 333.841
Yxy	62.3128, 0.3145, 0.3233
Android (android.graphics.Color)	4292136402 (0xFFD4CDD2)
YUV	207.6630, 1.1521, 3.8035
Hunter-Lab	78.9385, -1.0751, 2.8266

Details

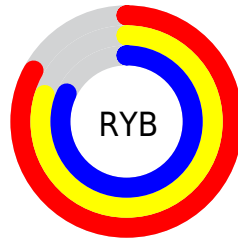
The RYB color **212, 205, 210** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **205, 210, 212**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is 255, 255, 255, and **157, 151, 156** is the 20% darker color. If you saturate the color by 10%, you get **212, 184, 204**, and if you desaturate by 10%, it is **212, 223, 226**.

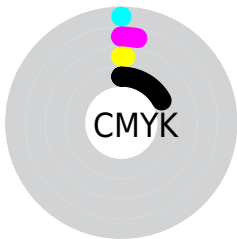
Distribution



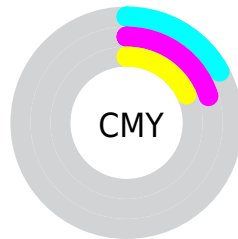
- Red (83%)
- Green (80%)
- Blue (82%)



- Red (83%)
- Yellow (80%)
- Blue (82%)



- Cyan (0%)
- Magenta (3%)
- Yellow (1%)
- Black (17%)



- Cyan (17%)
- Magenta (20%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 212, 205, 210 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 212, 205, 210 by changing the saturation by 10% instead.

■ 212, 205, 210

255, 255, 255

■ 212, 205, 210

■ 184, 178, 182

■ 157, 151, 156

■ 131, 125, 130

■ 106, 100, 104

■ 82, 76, 80

■ 59, 54, 58


■ 37, 32, 36

■ 17, 9, 15


■ 0, 0, 0

 212, 205, 210


 212, 205, 210

 212, 184, 204


 212, 223, 226

 212, 163, 198

 212, 239, 247

 212, 141, 192

 212, 243, 255

 212, 120, 186

 212, 240, 255

 212, 99, 180

 212, 238, 255

 212, 78, 174

 212, 236, 255

 212, 57, 168

 212, 234, 255

 212, 35, 162

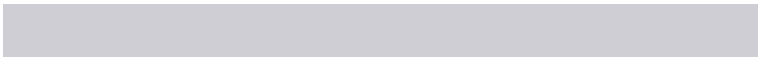
 212, 234, 255

 212, 14, 155

Harmonies

Analogous

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



208, 206, 213



212, 205, 210



214, 205, 207

Triad

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



212, 205, 210



204, 210, 200



199, 204, 211

Complementary

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



212, 205, 210



205, 210, 212

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.



199, 205, 209



212, 205, 210



201, 208, 204

Square

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



212, 205, 210



213, 210, 201



202, 207, 209



201, 205, 213

Rectangle

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



212, 205, 210



215, 205, 204



202, 207, 209



199, 204, 210

Sweetspot

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



212, 205, 210



255, 252, 254



207, 205, 212



128, 126, 127



0, 0, 0



128, 128, 128

Same Dimension

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



212, 205, 210



255, 245, 252



212, 205, 207



107, 102, 106



171, 0, 122



43, 0, 31

Inverse Universe

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



212, 205, 210



255, 245, 252



205, 209, 212



107, 102, 106



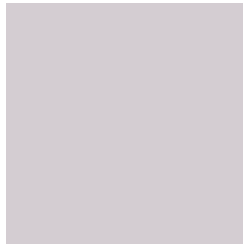
171, 0, 122



43, 0, 31

Previews

White Background



This preview shows how the RYB color 212, 205, 210 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 212, 205, 210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

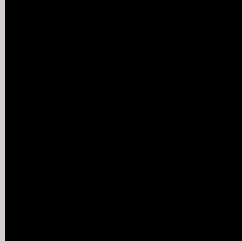
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

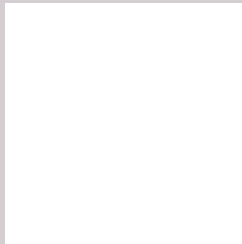
Any Text WCAG AAA ✓ Pass

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

RYB 212, 205, 210 Background



This preview shows how black text looks on a background with the RYB color 212, 205, 210.



This preview shows how white text looks on a background with the RYB color 212, 205, 210.

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
213, 204, 220

Trichromacy



Original Color

212, 205, 210

Protanomaly

210, 206, 210

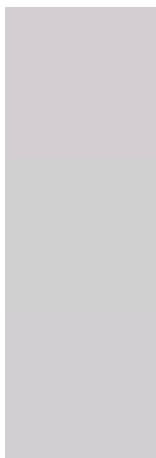
Deuteranomaly

220, 202, 211

Tritanomaly

213, 204, 216

Monochromacy



Original Color

212, 205, 210

Achromatopsia

208, 208, 208

Achromatomaly

209, 207, 209

CSS Examples

Text

The CSS property to change the color of the text to RYB 212, 205, 210 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(212, 205, 210) looks like.

```
.text, #text, p{  
    color:rgb(212, 205, 210)  
}
```

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(212, 205, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 205, 210) }
```

Border

The CSS property to change the border of an element to RYB 212, 205, 210 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(212, 205, 210) }
```

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

```
.border{ border-color:rgb(212, 205, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 205, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 205, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 205, 210);  
box-shadow:4px 4px 4px 4px rgb(212, 205,  
210) }
```

Background

The CSS property to change the background color of an element to RYB 212, 205, 210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 205, 210) }
```

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

```
.background{ background-color: rgb(212,  
205, 210) }
```

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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