

Converting Colors

`RYB(215, 196, 212)`

Have a look what the booklet for
RYB(215, 196, 212) contains.

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Color

R_YB(215, 196, 212)

Conversions

Conversions Part 1

Format	Color
Hex	D7C4D4
RGB	215, 196, 212
RGB Percent	84%, 77%, 83%
CMY	0.1569, 0.2314, 0.1686
CMYK	0.00, 0.09, 0.01, 0.16
HSL	309°, 19%, 81%
HSV	309°, 9%, 84%
XYZ	59.6479, 58.6804, 70.4700
YIQ	203.5050, 6.1880, 9.0040

Conversions

Conversions Part 2

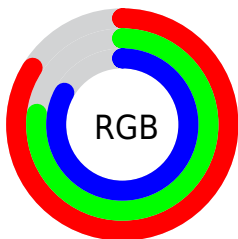
Format	Color
R _{YB}	215, 196, 212
Decimal	14140628
CIE Lab	81.12, 9.48, -5.56
CIE LCh	81, 10.986, 329.603
Yxy	58.6804, 0.3159, 0.3108
Android (android.graphics.Color)	4292330708 (0xFFD7C4D4)
YUV	203.5050, 4.1880, 10.0811
Hunter-Lab	76.6031, 4.9356, -0.9208

Details

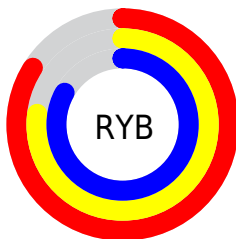
The RYB color **215, 196, 212** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **196, 212, 215**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **255, 253, 255**, and **160, 142, 157** is the 20% darker color. If you saturate the color by 10%, you get **215, 175, 209**, and if you desaturate by 10%, it is **215, 218, 218**.

Distribution



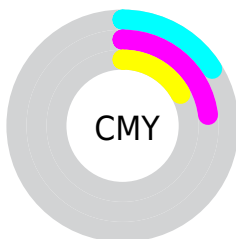
- Red (84%)
- Green (77%)
- Blue (83%)



- Red (84%)
- Yellow (77%)
- Blue (83%)



- Cyan (0%)
- Magenta (9%)
- Yellow (1%)
- Black (16%)



- Cyan (16%)
- Magenta (23%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RYB color 215, 196, 212 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 215, 196, 212 by changing the saturation by 10% instead.

■ 215, 196, 212

255, 255, 255

■ 255, 253, 255

■ 215, 196, 212

■ 187, 169, 184

■ 160, 142, 157

■ 134, 117, 131

■ 109, 92, 106

■ 84, 68, 82

■ 61, 46, 59

■ 39, 25, 37

■ 20, 0, 17

■ 0, 0, 0

 215, 196, 212

 215, 196, 212

 215, 175, 209


 215, 218, 218

 215, 153, 205

 215, 236, 239

 215, 132, 202

 215, 249, 255

 215, 110, 198

 215, 246, 255

 215, 89, 195

 215, 245, 255

 215, 67, 192


 215, 243, 255

 215, 46, 188

 215, 241, 255

 215, 24, 185

 215, 240, 255

 215, 3, 181

 215, 239, 255

Harmonies

Analogous

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



203, 199, 219



215, 196, 212



222, 195, 202

Triad

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



215, 196, 212



194, 210, 181



176, 192, 211

Complementary

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



215, 196, 212



196, 212, 215

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.



179, 195, 208



215, 196, 212



183, 204, 188

Square

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



215, 196, 212



219, 205, 184



187, 203, 206



180, 195, 219

Rectangle

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



215, 196, 212



224, 195, 195



187, 203, 206



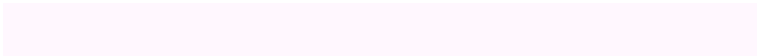
176, 192, 208

Sweetspot

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



215, 196, 212



255, 247, 254



199, 196, 215



128, 122, 127



0, 0, 0



128, 128, 128

Same Dimension

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



215, 196, 212



255, 227, 251



215, 196, 203



107, 96, 105



171, 0, 144



43, 0, 37

Inverse Universe

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



215, 196, 212



255, 227, 251



196, 208, 215



107, 96, 105



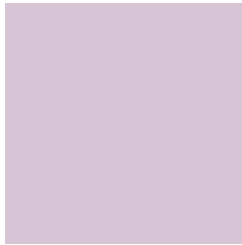
171, 0, 144



43, 0, 37

Previews

White Background



This preview shows how the RYB color 215, 196, 212 looks on a white background.

Color Contrast Check

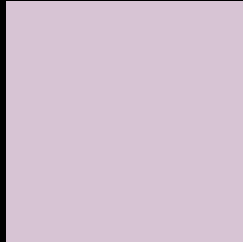
Large Text (above 18pt) WCAG AA × Fail

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 215, 196, 212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

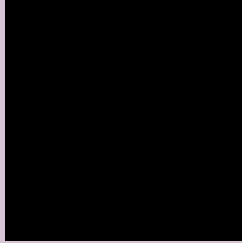
Any Text WCAG AA ✓ Pass

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 215, 196, 212 Background



This preview shows how black text looks on a background with the RYB color 215, 196, 212.



This preview shows how white text looks on a background with the RYB color 215, 196, 212.

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
[215, 196, 212](#)

Protanopia
[201, 200, 215](#)

Deuteranopia
[216, 196, 212](#)



Tritanopia
215, 196, 211

Trichromacy



Original Color
215, 196, 212

Protanomaly
206, 199, 214

Deuteranomaly
216, 196, 212

Tritanomaly
215, 196, 211

Monochromacy



Original Color
215, 196, 212

Achromatopsia
204, 204, 204

Achromatomaly
208, 201, 207

CSS Examples

Text

The CSS property to change the color of the text to RYB 215, 196, 212 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(215, 196, 212) looks like.

```
.text, #text, p{  
    color:rgb(215, 196, 212)  
}
```

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(215, 196, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 196, 212) }
```

Border

The CSS property to change the border of an element to RYB 215, 196, 212 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(215, 196, 212) }
```

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

```
.border{ border-color:rgb(215, 196, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 196, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 196, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 196, 212);  
box-shadow:4px 4px 4px 4px rgb(215, 196,  
212) }
```

Background

The CSS property to change the background color of an element to RGB 215, 196, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 196, 212) }
```

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

```
.background{ background-color: rgb(215,  
196, 212) }
```

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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