

Converting Colors

`RYB(215, 196, 208)`

Have a look what the booklet for
RYB(215, 196, 208) contains.

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Color

`RYB(215, 196, 208)`

Conversions

Conversions Part 1

Format	Color
Hex	D7C4D0
RGB	215, 196, 208
RGB Percent	84%, 77%, 82%
CMY	0.1569, 0.2314, 0.1843
CMYK	0.00, 0.09, 0.03, 0.16
HSL	322°, 19%, 81%
HSV	322°, 9%, 84%
XYZ	59.1494, 58.4810, 67.8450
YIQ	203.0490, 7.4720, 7.7600

Conversions

Conversions Part 2

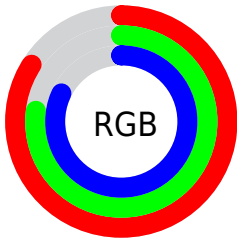
Format	Color
R_{YB}	215, 196, 208
Decimal	14140624
CIE _{Lab}	81.01, 8.75, -3.57
CIE _{LCh}	81, 9.456, 337.796
Yxy	58.4810, 0.3189, 0.3153
Android (android.graphics.Color)	4292330704 (0xFFD7C4D0)
YUV	203.0490, 2.4408, 10.4810
Hunter-Lab	76.4729, 4.2368, 0.9303

Details

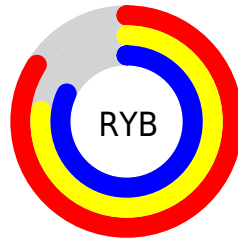
The RYB color **215, 196, 208** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **196, 210, 215**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **255, 253, 255**, and **160, 142, 154** is the 20% darker color. If you saturate the color by 10%, you get **215, 175, 200**, and if you desaturate by 10%, it is **215, 217, 218**.

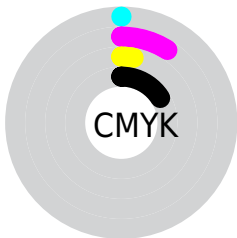
Distribution



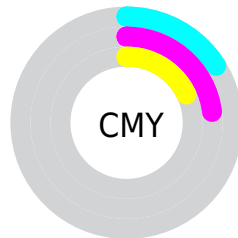
- Red (84%)
- Green (77%)
- Blue (82%)



- Red (84%)
- Yellow (77%)
- Blue (82%)



- Cyan (0%)
- Magenta (9%)
- Yellow (3%)
- Black (16%)



- Cyan (16%)
- Magenta (23%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 215, 196, 208 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, 208 by changing the saturation by 10% instead.

■ 215, 196, 208

255, 255, 255

■ 255, 253, 255

■ 215, 196, 208

■ 187, 169, 180

■ 160, 142, 154

■ 134, 117, 128

■ 109, 92, 103

■ 84, 69, 79

■ 61, 46, 56


■ 39, 25, 34

■ 20, 0, 13

■ 0, 0, 0

 215, 196, 208

 215, 196, 208

 215, 175, 200

 215, 217, 218

 215, 153, 192

 215, 232, 239

 215, 132, 184

 215, 243, 255

 215, 110, 176

 215, 240, 255

 215, 89, 168


 215, 237, 255

 215, 67, 160

 215, 235, 255

 215, 46, 153

 215, 24, 145

 215, 3, 137

Harmonies

Analogous

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



206, 198, 215



215, 196, 208



220, 195, 199

Triad

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



215, 196, 208



190, 206, 184



180, 194, 212

Complementary

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



215, 196, 208



196, 210, 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.



180, 195, 207



215, 196, 208



187, 204, 195

Square

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



215, 196, 208



215, 208, 185



186, 200, 206



185, 197, 217

Rectangle

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



215, 196, 208



221, 196, 193



186, 200, 206



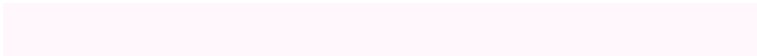
179, 193, 209

Sweetspot

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



215, 196, 208



255, 247, 252



203, 196, 215



128, 122, 126



0, 0, 0



128, 128, 128

Same Dimension

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



215, 196, 208



255, 227, 245



215, 196, 199



107, 96, 103



171, 0, 108



43, 0, 27

Inverse Universe

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



215, 196, 208



255, 227, 245



196, 206, 215



107, 96, 103



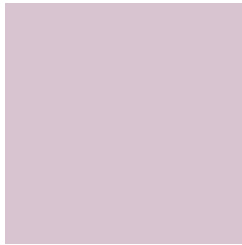
171, 0, 108



43, 0, 27

Previews

White Background



This preview shows how the RYB color 215, 196, 208 looks on a white background.

Color Contrast Check

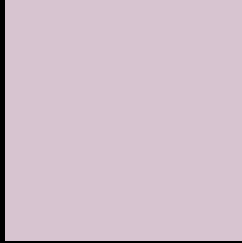
Large Text (above 18pt) WCAG AA × Fail

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, 208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

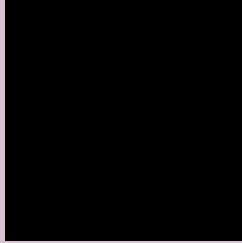
Any Text WCAG AA ✓ Pass

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](#).

RYP 215, 196, 208 Background



This preview shows how black text looks on a background with the RYB color 215, 196, 208.



This preview shows how white text looks on a background with the RYB color 215, 196, 208.

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, 208

Protanopia
202, 200, 210

Deuteranopia
217, 195, 208



Tritanopia
215, 196, 211

Trichromacy



Original Color

215, 196, 208

Protanomaly

207, 199, 209

Deuteranomaly

216, 195, 208

Tritanomaly

215, 196, 210

Monochromacy



Original Color

215, 196, 208

Achromatopsia

203, 203, 203

Achromatomaly

207, 200, 205

CSS Examples

Text

The CSS property to change the color of the text to RYB 215, 196, 208 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, 208) looks like.

```
.text, #text, p{  
    color:rgb(215, 196, 208)  
}
```

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, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 196, 208) }
```

Border

The CSS property to change the border of an element to RYB 215, 196, 208 is called "border". The border property can be set on classes, ids or directly on the HTML element.

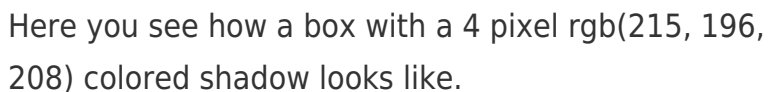
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 196, 208) }
```

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

```
.border{ border-color:rgb(215, 196, 208) }
```

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, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 196, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 196, 208); box-shadow:4px 4px 4px 4px rgb(215, 196, 208) }
```

Background

The CSS property to change the background color of an element to RYB 215, 196, 208 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, 208) }
```

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

```
.background{ background-color: rgb(215,  
196, 208) }
```

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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