

Converting Colors

`RYB(215, 191, 200)`

Have a look what the booklet for RYB(215, 191, 200) contains.

RYB(215, 191, 200)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(215, 191, 200)

Conversions

Conversions Part 1

Format	Color
Hex	D7BFC8
RGB	215, 191, 200
RGB Percent	84%, 75%, 78%
CMY	0.1569, 0.2510, 0.2157
CMYK	0.00, 0.11, 0.07, 0.16
HSL	338°, 23%, 80%
HSV	338°, 11%, 84%
XYZ	57.0805, 55.8788, 62.4208
YIQ	199.2020, 11.4150, 7.8870

Conversions

Conversions Part 2

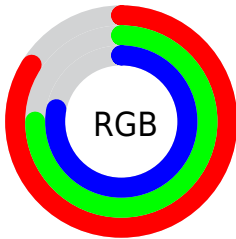
Format	Color
R _Y B	215, 191, 200
Decimal	14139336
CIE Lab	79.54, 10.01, -1.41
CIE LCh	80, 10.113, 351.973
Yxy	55.8788, 0.3255, 0.3186
Android (android.graphics.Color)	4292329416 (0xFFD7BFC8)
YUV	199.2020, 0.3934, 13.8548
Hunter-Lab	74.7521, 5.4857, 2.8171

Details

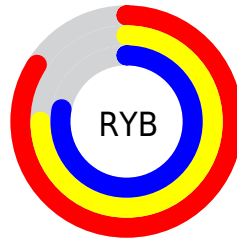
The RYB color **215, 191, 200** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **191, 206, 215**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is **255, 247, 255**, and **160, 138, 146** is the 20% darker color. If you saturate the color by 10%, you get **215, 170, 187**, and if you desaturate by 10%, it is **215, 213, 213**.

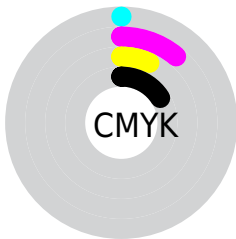
Distribution



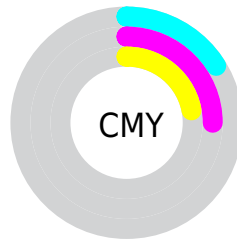
- Red (84%)
- Green (75%)
- Blue (78%)



- Red (84%)
- Yellow (75%)
- Blue (78%)



- Cyan (0%)
- Magenta (11%)
- Yellow (7%)
- Black (16%)



- Cyan (16%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 215, 191, 200 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, 191, 200 by changing the saturation by 10% instead.

 215, 191, 200

255, 255, 255

 255, 247, 255

 215, 191, 200


 187, 164, 173

 160, 138, 146

 134, 112, 120

 108, 88, 96

 84, 64, 72

 61, 42, 50

 39, 22, 29

 18, 0, 2

 0, 0, 0

■ 215, 191, 200

■ 215, 191, 200

■ 215, 170, 187

■ 215, 213, 213

■ 215, 148, 173

■ 215, 227, 234

■ 215, 127, 160

■ 215, 240, 255

■ 215, 105, 146

■ 215, 235, 255

■ 215, 84, 133

■ 215, 235, 255

■ 215, 62, 119

■ 215, 40, 106

■ 215, 19, 93

■ 215, 0, 81

Harmonies

Analogous

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



207, 193, 209



215, 191, 200



218, 191, 190

Triad

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



215, 191, 200



180, 199, 182



176, 191, 212

Complementary

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



215, 191, 200



191, 206, 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.



174, 189, 204



215, 191, 200



185, 201, 200

Square

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



215, 191, 200



199, 208, 179



178, 193, 203



185, 195, 215

Rectangle

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



215, 191, 200



217, 194, 185



178, 193, 203



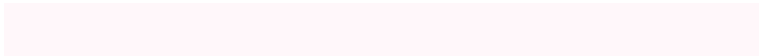
175, 190, 209

Sweetspot

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



215, 191, 200



255, 247, 250



206, 191, 215



128, 122, 124



0, 0, 0



128, 128, 128

Same Dimension

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



215, 191, 200



255, 222, 234



215, 194, 191



107, 96, 100



171, 0, 64



43, 0, 16

Inverse Universe

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



215, 191, 200



255, 222, 234



191, 202, 215



107, 96, 100



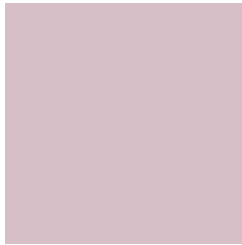
171, 0, 64



43, 0, 16

Previews

White Background



This preview shows how the RYB color 215, 191, 200 looks on a white background.

Color Contrast Check

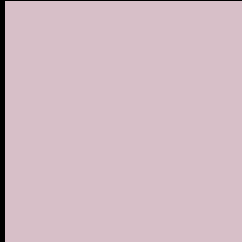
Large Text (above 18pt) WCAG AA × Fail

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, 191, 200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

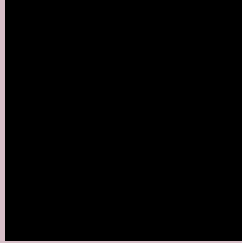
Any Text WCAG AA ✓ Pass

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 215, 191, 200 Background



This preview shows how black text looks on a background with the R/Y/B color 215, 191, 200.



This preview shows how white text looks on a background with the R/Y/B color 215, 191, 200.

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, 191, 200

Protanopia
199, 196, 203

Deuteranopia
215, 191, 200



Tritanopia
216, 190, 205

Trichromacy



Original Color

215, 191, 200

Protanomaly

205, 194, 202

Deuteranomaly

215, 191, 200

Tritanomaly

216, 190, 203

Monochromacy



Original Color

215, 191, 200

Achromatopsia

199, 199, 199

Achromatomaly

205, 196, 199

CSS Examples

Text

The CSS property to change the color of the text to RYB 215, 191, 200 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, 191, 200)` looks like.

```
.text, #text, p{  
    color:rgb(215, 191, 200)  
}
```

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, 191, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 191, 200) }
```

Border

The CSS property to change the border of an element to RYB 215, 191, 200 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, 191, 200) }
```

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

```
.border{ border-color:rgb(215, 191, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 191, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 191, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 191, 200);  
box-shadow:4px 4px 4px 4px rgb(215, 191,  
200) }
```

Background

The CSS property to change the background color of an element to RYB 215, 191, 200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 191, 200) }
```

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

```
.background{ background-color: rgb(215,  
191, 200) }
```

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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