

Converting Colors

`RYB(215, 209, 223)`

Have a look what the booklet for
RYB(215, 209, 223) contains.

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Color

R_YB(215, 209, 223)

Conversions

Conversions Part 1

Format	Color
Hex	D7D1DF
RGB	215, 209, 223
RGB Percent	84%, 82%, 87%
CMY	0.1569, 0.1804, 0.1255
CMYK	0.04, 0.06, 0.00, 0.13
HSL	266°, 18%, 85%
HSV	266°, 6%, 87%
XYZ	64.1441, 65.3757, 79.0501
YIQ	212.3900, -0.9180, 5.6260

Conversions

Conversions Part 2

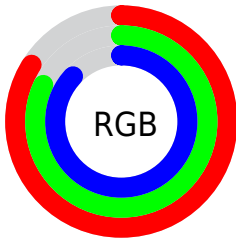
Format	Color
R _Y B	215, 209, 223
Decimal	14143967
CIE Lab	84.68, 4.62, -6.17
CIE LCh	85, 7.711, 306.822
Yxy	65.3757, 0.3075, 0.3134
Android (android.graphics.Color)	4292334047 (0xFFD7D1DF)
YUV	212.3900, 5.2307, 2.2890
Hunter-Lab	80.8552, 0.1109, -1.3676

Details

The RYB color **215, 209, 223** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **209, 223, 215**, and the grayscale version is **212, 212, 212**.

A 20% lighter version of the original color is **255, 255, 255**, and **160, 155, 168** is the 20% darker color. If you saturate the color by 10%, you get **202, 187, 223**, and if you desaturate by 10%, it is **223, 231, 226**.

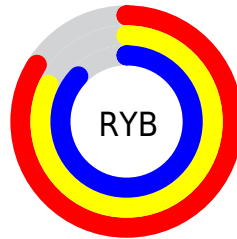
Distribution



Red (84%)

Green (82%)

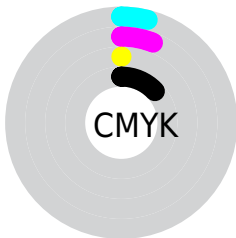
Blue (87%)



Red (84%)

Yellow (82%)

Blue (87%)

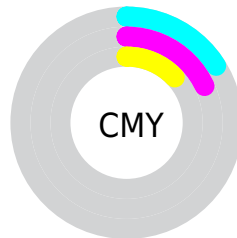


Cyan (4%)

Magenta (6%)

Yellow (0%)

Black (13%)



Cyan (16%)

Magenta (18%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 215, 209, 223 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, 209, 223 by changing the saturation by 10% instead.

■ 215, 209, 223

255, 255, 255

■ 215, 209, 223

■ 187, 181, 195

■ 160, 155, 168

■ 134, 129, 141

■ 109, 104, 116

■ 84, 80, 91

■ 61, 57, 68


■ 39, 35, 46

■ 19, 14, 25


■ 0, 0, 0

 215, 209, 223

 215, 209, 223

 202, 187, 223


 223, 231, 226

 190, 164, 223


 223, 254, 237

 177, 142, 223


 223, 255, 225

 164, 120, 223

 223, 255, 223

 151, 97, 223

 139, 75, 223

 126, 53, 223

 113, 31, 223

 100, 8, 223

Harmonies

Analogous

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



206, 210, 226



215, 209, 223



223, 207, 217

Triad

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



215, 209, 223



223, 218, 198



195, 206, 216

Complementary

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



215, 209, 223



209, 223, 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.



200, 211, 215



215, 209, 223



204, 216, 197

Square

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



215, 209, 223



227, 208, 203



200, 214, 207



194, 206, 220

Rectangle

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



215, 209, 223



226, 207, 212



200, 214, 207



196, 208, 216

Sweetspot

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



215, 209, 223



252, 250, 255



209, 214, 223



126, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



215, 209, 223



243, 235, 255



222, 209, 223



106, 101, 112



75, 0, 176



21, 0, 48

Inverse Universe

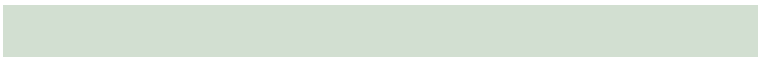
The Inverse Universe completely reimagines the original color for something new.



223, 209, 217



255, 235, 246



209, 223, 222



112, 101, 107



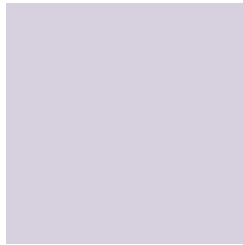
176, 0, 101



48, 0, 28

Previews

White Background



This preview shows how the RYB color 215, 209, 223 looks on a white background.

Color Contrast Check

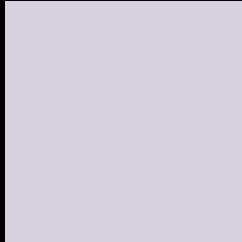
Large Text (above 18pt) WCAG AA × Fail

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, 209, 223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

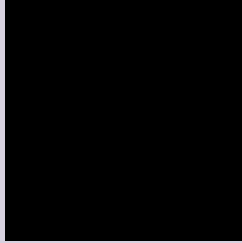
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

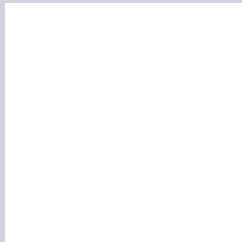
Any Text WCAG AAA ✓ Pass

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

RYB 215, 209, 223 Background



This preview shows how black text looks on a background with the RYB color 215, 209, 223.

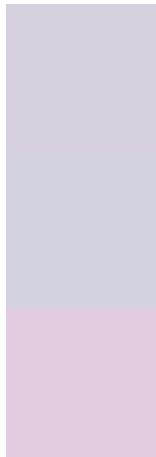


This preview shows how white text looks on a background with the RYB color 215, 209, 223.

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, 209, 223

Protanopia
211, 210, 224

Deuteranopia
226, 205, 224



Tritanopia
215, 209, 225

Trichromacy



Original Color

215, 209, 223

Protanomaly

212, 210, 224

Deuteranomaly

222, 206, 224

Tritanomaly

215, 209, 224

Monochromacy



Original Color

215, 209, 223

Achromatopsia

212, 212, 212

Achromatomaly

213, 211, 216

CSS Examples

Text

The CSS property to change the color of the text to RYB 215, 209, 223 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, 209, 223) looks like.

```
.text, #text, p{  
    color:rgb(215, 209, 223)  
}
```

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, 209, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 209, 223) }
```

Border

The CSS property to change the border of an element to RYB 215, 209, 223 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, 209, 223) }
```

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

```
.border{ border-color:rgb(215, 209, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 209, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 209, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 209, 223);  
box-shadow:4px 4px 4px 4px rgb(215, 209,  
223) }
```

Background

The CSS property to change the background color of an element to RGB 215, 209, 223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 209, 223) }
```

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

```
.background{ background-color: rgb(215,  
209, 223) }
```

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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