

Converting Colors

`RYB(212, 211, 224)`

Have a look what the booklet for
RYB(212, 211, 224) contains.

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Color

R_YB(212, 211, 224)

Conversions

Conversions Part 1

Format	Color
Hex	D4D3E0
RGB	212, 211, 224
RGB Percent	83%, 83%, 88%
CMY	0.1686, 0.1725, 0.1216
CMYK	0.05, 0.06, 0.00, 0.12
HSL	245°, 17%, 85%
HSV	245°, 6%, 88%
XYZ	63.9002, 65.9674, 79.8861
YIQ	212.7810, -3.5770, 4.2550

Conversions

Conversions Part 2

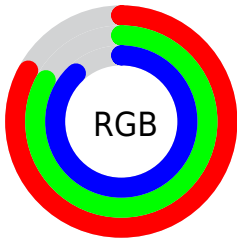
Format	Color
R _Y B	212, 211, 224
Decimal	13947872
CIE Lab	84.98, 2.76, -6.28
CIE LCh	85, 6.861, 293.716
Yxy	65.9674, 0.3046, 0.3145
Android (android.graphics.Color)	4292137952 (0xFFD4D3E0)
YUV	212.7810, 5.5310, -0.6849
Hunter-Lab	81.2203, -1.7004, -1.4618

Details

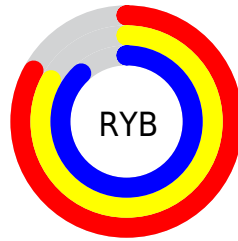
The RYB color `212, 211, 224` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `211, 224, 212`, and the grayscale version is `213, 213, 213`.

A 20% lighter version of the original color is `255, 255, 255`, and `157, 157, 169` is the 20% darker color. If you saturate the color by 10%, you get `191, 189, 224`, and if you desaturate by 10%, it is `224, 233, 224`.

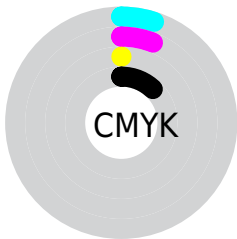
Distribution



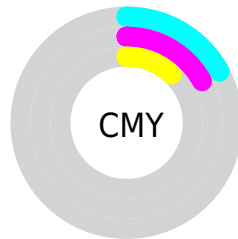
- Red (83%)
- Green (83%)
- Blue (88%)



- Red (83%)
- Yellow (83%)
- Blue (88%)



- Cyan (5%)
- Magenta (6%)
- Yellow (0%)
- Black (12%)



- Cyan (17%)
- Magenta (17%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RYB color 212, 211, 224 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, 211, 224 by changing the saturation by 10% instead.

■ 212, 211, 224

255, 255, 255

■ 212, 211, 224

■ 184, 183, 196

■ 157, 157, 169

■ 131, 130, 142

■ 106, 105, 117

■ 82, 81, 92

■ 59, 58, 69

■ 37, 37, 46

■ 17, 16, 26

■ 0, 0, 0

■ 212, 211, 224

■ 212, 211, 224

■ 191, 189, 224

■ 224, 233, 224

■ 171, 166, 224

■ 224, 255, 226

■ 150, 144, 224

■ 224, 255, 224

■ 129, 121, 224

■ 109, 99, 224

■ 88, 77, 224

■ 67, 54, 224

■ 47, 32, 224

■ 26, 9, 224

Harmonies

Analogous

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



204, 210, 225



212, 211, 224



220, 209, 220

Triad

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



212, 211, 224



225, 212, 202



199, 209, 216

Complementary

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



212, 211, 224



211, 224, 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.



204, 215, 214



212, 211, 224



212, 219, 199

Square

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



212, 211, 224



227, 208, 207



200, 213, 201



197, 207, 217

Rectangle

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



212, 211, 224



223, 208, 216



200, 213, 201



200, 211, 216

Sweetspot

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



212, 211, 224



250, 250, 255



211, 217, 224



125, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



212, 211, 224



239, 237, 255



218, 211, 224



104, 103, 112



14, 0, 176



4, 0, 48

Inverse Universe

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



224, 211, 223



255, 237, 254



211, 224, 218



112, 103, 112



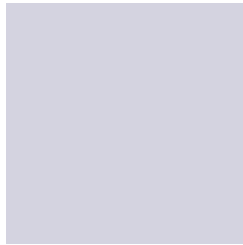
176, 0, 162



48, 0, 45

Previews

White Background



This preview shows how the RYB color 212, 211, 224 looks on a white background.

Color Contrast Check

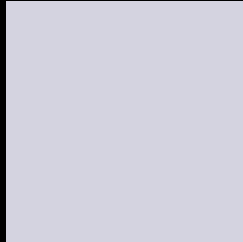
Large Text (above 18pt) WCAG AA × Fail

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, 211, 224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

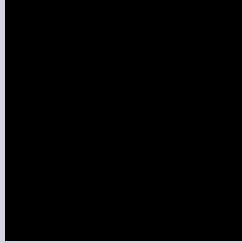
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

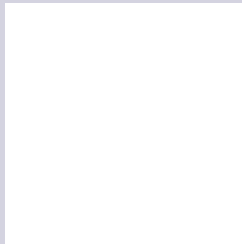
Any Text WCAG AAA ✓ Pass

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

RYB 212, 211, 224 Background



This preview shows how black text looks on a background with the RYB color 212, 211, 224.

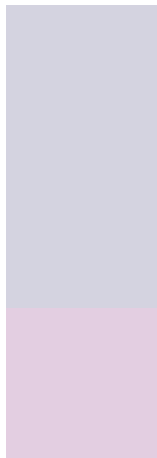


This preview shows how white text looks on a background with the RYB color 212, 211, 224.

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
212, 211, 224

Protanopia
212, 211, 224

Deuteranopia
227, 206, 225



Tritanopia
213, 210, 227

Trichromacy



Original Color

212, 211, 224

Protanomaly

212, 211, 224

Deuteranomaly

222, 208, 225

Tritanomaly

213, 210, 226

Monochromacy



Original Color

212, 211, 224

Achromatopsia

213, 213, 213

Achromatomaly

213, 212, 217

CSS Examples

Text

The CSS property to change the color of the text to RYB 212, 211, 224 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, 211, 224) looks like.

```
.text, #text, p{  
    color:rgb(212, 211, 224)  
}
```

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, 211, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 211, 224) }
```

Border

The CSS property to change the border of an element to RYB 212, 211, 224 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, 211, 224) }
```

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

```
.border{ border-color:rgb(212, 211, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 211, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 211, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 211, 224);  
box-shadow:4px 4px 4px 4px rgb(212, 211,  
224) }
```

Background

The CSS property to change the background color of an element to RGB 212, 211, 224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 211, 224) }
```

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

```
.background{ background-color: rgb(212,  
211, 224) }
```

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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