

Converting Colors

`RYB(215, 209, 251)`

Have a look what the booklet for
RYB(215, 209, 251) contains.

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Color

R_YB(215, 209, 251)

Conversions

Conversions Part 1

Format	Color
Hex	D7D1FB
RGB	215, 209, 251
RGB Percent	84%, 82%, 98%
CMY	0.1569, 0.1804, 0.0157
CMYK	0.14, 0.17, 0.00, 0.02
HSL	249°, 84%, 90%
HSV	249°, 17%, 98%
XYZ	68.2374, 67.0130, 100.6051
YIQ	215.5820, -9.9060, 14.3340

Conversions

Conversions Part 2

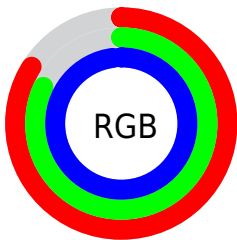
Format	Color
R _Y B	215, 209, 251
Decimal	14143995
CIE Lab	85.51, 10.17, -19.78
CIE LCh	86, 22.239, 297.202
Yxy	67.0130, 0.2893, 0.2841
Android (android.graphics.Color)	4292334075 (0xFFD7D1FB)
YUV	215.5820, 17.4611, -0.5104
Hunter-Lab	81.8615, 5.5349, -15.5624

Details

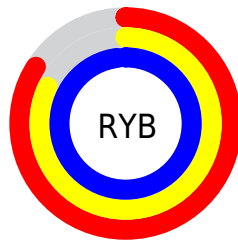
The RYB color **215, 209, 251** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **209, 251, 215**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **255, 255, 255**, and **160, 155, 194** is the 20% darker color. If you saturate the color by 10%, you get **193, 184, 251**, and if you desaturate by 10%, it is **237, 234, 251**.

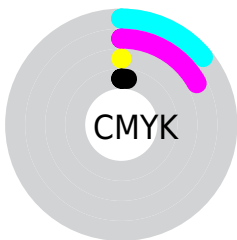
Distribution



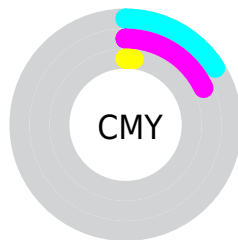
- Red (84%)
- Green (82%)
- Blue (98%)



- Red (84%)
- Yellow (82%)
- Blue (98%)



- Cyan (14%)
- Magenta (17%)
- Yellow (0%)
- Black (2%)



- Cyan (16%)
- Magenta (18%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RYB color 215, 209, 251 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, 251 by changing the saturation by 10% instead.

■ 215, 209, 251

255, 255, 255

■ 215, 209, 251

■ 187, 181, 222

■ 160, 155, 194

■ 134, 129, 167

■ 108, 104, 141

■ 83, 80, 115

■ 59, 57, 90

■ 37, 35, 67

■ 15, 14, 44

■ 0, 1, 24

■ 215, 209, 251

■ 215, 209, 251

■ 193, 184, 251

■ 237, 234, 251

■ 172, 159, 251

■ 251, 255, 251

■ 150, 134, 251

■ 129, 109, 251

■ 107, 83, 251

■ 86, 58, 251

■ 64, 33, 251

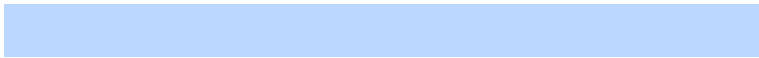
■ 43, 8, 251

■ 36, 0, 251

Harmonies

Analogous

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



187, 207, 255



215, 209, 251



239, 203, 237

Triad

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



215, 209, 251



249, 220, 179



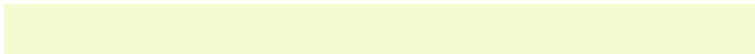
165, 200, 226

Complementary

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



215, 209, 251



209, 251, 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.



185, 219, 223



215, 209, 251



202, 232, 172

Square

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



215, 209, 251



255, 200, 195



176, 218, 185



157, 193, 232

Rectangle

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



215, 209, 251



251, 200, 224



176, 218, 185



171, 205, 225

Sweetspot

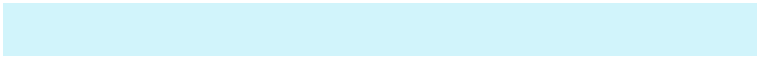
The Sweet Spot groups the original color and five complimentary colors.



215, 209, 251



244, 242, 255



209, 228, 251



121, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



215, 209, 251



211, 204, 255



236, 209, 251



114, 112, 125



27, 0, 189



9, 0, 61

Inverse Universe

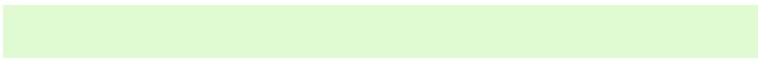
The Inverse Universe completely reimagines the original color for something new.



251, 209, 245



255, 204, 248



209, 251, 236



125, 112, 123



189, 0, 162



61, 0, 52

Previews

White Background



This preview shows how the RYB color 215, 209, 251 looks on a white background.

Color Contrast Check

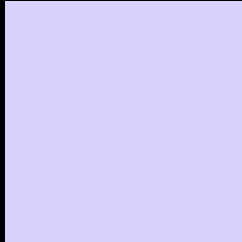
Large Text (above 18pt) WCAG AA × Fail

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, 251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

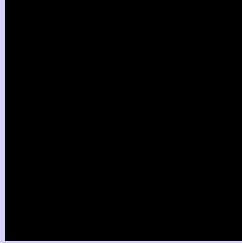
Any Text WCAG AA ✓ Pass

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, 251 Background



This preview shows how black text looks on a background with the RYB color 215, 209, 251.

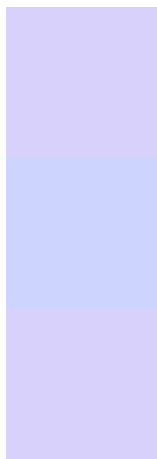


This preview shows how white text looks on a background with the RYB color 215, 209, 251.

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](#).

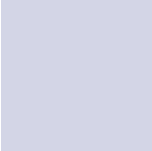
Dichromacy



Original Color
215, 209, 251

Protanopia
205, 211, 253

Deuteranopia
216, 209, 251



Tritanopia
211, 213, 230

Trichromacy



Original Color
215, 209, 251

Protanomaly
209, 211, 252

Deuteranomaly
216, 209, 251

Tritanomaly
212, 212, 238

Monochromacy



Original Color
215, 209, 251

Achromatopsia
216, 216, 216

Achromatomaly
216, 213, 229

CSS Examples

Text

The CSS property to change the color of the text to RYB 215, 209, 251 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, 251)` looks like.

```
.text, #text, p{  
    color:rgb(215, 209, 251)  
}
```

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, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 209, 251) }
```

Border

The CSS property to change the border of an element to RYB 215, 209, 251 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, 251) }
```

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

```
.border{ border-color:rgb(215, 209, 251) }
```

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, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 209, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 209, 251);  
box-shadow:4px 4px 4px 4px rgb(215, 209,  
251) }
```

Background

The CSS property to change the background color of an element to RGB 215, 209, 251 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, 251) }
```

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

```
.background{ background-color: rgb(215,  
209, 251) }
```

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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