

Converting Colors

`RYB(211, 205, 240)`

Have a look what the booklet for
RYB(211, 205, 240) contains.

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Color

R_YB(211, 205, 240)

Conversions

Conversions Part 1

Format	Color
Hex	D3CDF0
RGB	211, 205, 240
RGB Percent	83%, 80%, 94%
CMY	0.1725, 0.1961, 0.0588
CMYK	0.12, 0.15, 0.00, 0.06
HSL	250°, 54%, 87%
HSV	250°, 15%, 94%
XYZ	64.4235, 63.8028, 91.3578
YIQ	210.7840, -7.6590, 12.1570

Conversions

Conversions Part 2

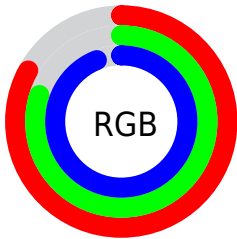
Format	Color
RYB	211, 205, 240
Decimal	13880816
CIELab	83.86, 8.77, -16.46
CIELCh	84, 18.647, 298.039
Yxy	63.8028, 0.2934, 0.2906
Android (android.graphics.Color)	4292070896 (0xFFD3CDF0)
YUV	210.7840, 14.4035, 0.1894
Hunter-Lab	79.8767, 4.1827, -11.8984

Details

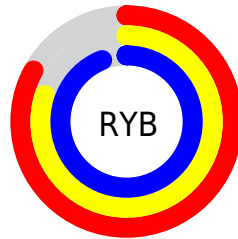
The RYB color **211, 205, 240** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **205, 240, 211**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is 255, 255, 255, and **156, 151, 184** is the 20% darker color. If you saturate the color by 10%, you get **191, 181, 240**, and if you desaturate by 10%, it is **231, 229, 240**.

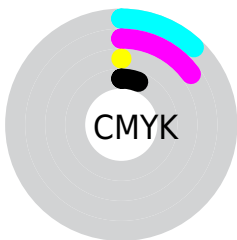
Distribution



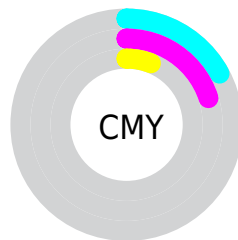
- Red (83%)
- Green (80%)
- Blue (94%)



- Red (83%)
- Yellow (80%)
- Blue (94%)



- Cyan (12%)
- Magenta (15%)
- Yellow (0%)
- Black (6%)



- Cyan (17%)
- Magenta (20%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RYB color 211, 205, 240 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 211, 205, 240 by changing the saturation by 10% instead.

■ 211, 205, 240

255, 255, 255

■ 211, 205, 240

■ 183, 178, 212

■ 156, 151, 184

■ 130, 125, 157

■ 105, 100, 131

■ 80, 76, 106

■ 57, 53, 81

■ 35, 32, 58

■ 15, 9, 37

■ 0, 1, 14

■ 211, 205, 240

■ 211, 205, 240

■ 191, 181, 240

■ 231, 229, 240

■ 171, 157, 240

■ 240, 253, 242

■ 151, 133, 240

■ 240, 255, 240

■ 131, 109, 240

■ 112, 85, 240

■ 92, 61, 240

■ 72, 37, 240

■ 52, 13, 240

■ 41, 0, 240

Harmonies

Analogous

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



188, 204, 244



211, 205, 240



231, 200, 228

Triad

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



211, 205, 240



239, 215, 180



169, 197, 219

Complementary

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



211, 205, 240



205, 240, 211

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, 213, 217



211, 205, 240



200, 224, 174

Square

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



211, 205, 240



246, 199, 193



178, 213, 186



163, 192, 225

Rectangle

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



211, 205, 240



240, 198, 217



178, 213, 186



174, 202, 219

Sweetspot

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



211, 205, 240



247, 245, 255



205, 221, 240



122, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



211, 205, 240



217, 209, 255



228, 205, 240



110, 108, 120



31, 0, 184



10, 0, 56

Inverse Universe

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



240, 205, 234



255, 209, 247



205, 240, 228



120, 108, 118



184, 0, 152



56, 0, 46

Previews

White Background



This preview shows how the RYB color 211, 205, 240 looks on a white background.

Color Contrast Check

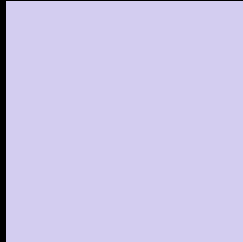
Large Text (above 18pt) WCAG AA × Fail

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 211, 205, 240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

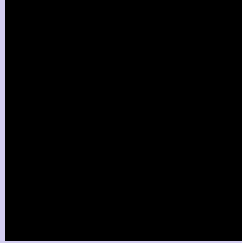
Any Text WCAG AA ✓ Pass

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 211, 205, 240 Background



This preview shows how black text looks on a background with the RYB color 211, 205, 240.



This preview shows how white text looks on a background with the RYB color 211, 205, 240.

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
211, 205, 240

Protanopia
203, 207, 242

Deuteranopia
215, 204, 240



Tritanopia
208, 208, 224

Trichromacy



Original Color
211, 205, 240

Protanomaly
206, 206, 241

Deuteranomaly
214, 204, 240

Tritanomaly
209, 207, 230

Monochromacy



Original Color
211, 205, 240

Achromatopsia
211, 211, 211

Achromatomaly
211, 209, 222

CSS Examples

Text

The CSS property to change the color of the text to RYB 211, 205, 240 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(211, 205, 240)` looks like.

```
.text, #text, p{  
    color:rgb(211, 205, 240)  
}
```

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(211, 205, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 205, 240) }
```

Border

The CSS property to change the border of an element to RYB 211, 205, 240 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(211, 205, 240) }
```

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

```
.border{ border-color:rgb(211, 205, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 205, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(211, 205, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(211, 205, 240); box-shadow:4px 4px 4px 4px rgb(211, 205, 240) }
```

Background

The CSS property to change the background color of an element to RYB 211, 205, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 205, 240) }
```

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

```
.background{ background-color: rgb(211,  
205, 240) }
```

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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