

Converting Colors

`RYB(211, 205, 225)`

Have a look what the booklet for
RYB(211, 205, 225) contains.

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Color

R_YB(211, 205, 225)

Conversions

Conversions Part 1

Format	Color
Hex	D3CDE1
RGB	211, 205, 225
RGB Percent	83%, 80%, 88%
CMY	0.1725, 0.1961, 0.1176
CMYK	0.06, 0.09, 0.00, 0.12
HSL	258°, 25%, 84%
HSV	258°, 9%, 88%
XYZ	62.2859, 62.9478, 80.1015
YIQ	209.0740, -2.8440, 7.4920

Conversions

Conversions Part 2

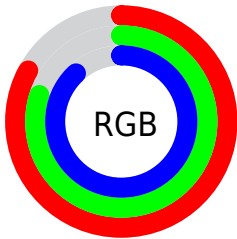
Format	Color
R_{YB}	211, 205, 225
Decimal	13880801
CIE Lab	83.41, 5.78, -9.14
CIE LCh	83, 10.818, 302.325
Yxy	62.9478, 0.3033, 0.3066
Android (android.graphics.Color)	4292070881 (0xFFD3CDE1)
YUV	209.0740, 7.8515, 1.6891
Hunter-Lab	79.3396, 1.2878, -4.3216

Details

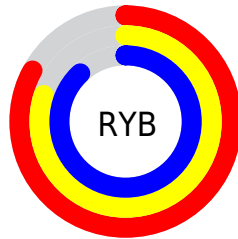
The RYB color **211, 205, 225** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **205, 225, 211**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is **255, 255, 255**, and **156, 151, 170** is the 20% darker color. If you saturate the color by 10%, you get **195, 183, 225**, and if you desaturate by 10%, it is **225, 227, 225**.

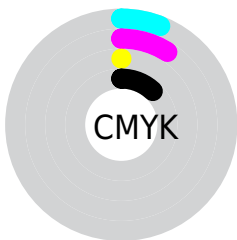
Distribution



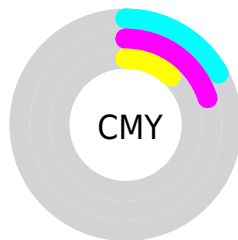
- Red (83%)
- Green (80%)
- Blue (88%)



- Red (83%)
- Yellow (80%)
- Blue (88%)



- Cyan (6%)
- Magenta (9%)
- Yellow (0%)
- Black (12%)



- Cyan (17%)
- Magenta (20%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RYB color 211, 205, 225 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, 225 by changing the saturation by 10% instead.

■ 211, 205, 225

255, 255, 255

■ 211, 205, 225

■ 183, 178, 197

■ 156, 151, 170

■ 130, 125, 143

■ 105, 100, 118

■ 81, 76, 93

■ 58, 53, 69

■ 36, 32, 47

■ 16, 9, 26

■ 0, 0, 0

 211, 205, 225


 211, 205, 225

 195, 183, 225


 225, 227, 225

 179, 160, 225


 225, 250, 232


 164, 138, 225

 225, 255, 225


 148, 115, 225

 132, 93, 225

 116, 70, 225

 101, 48, 225

 85, 25, 225

 69, 3, 225

Harmonies

Analogous

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



198, 206, 228



211, 205, 225



222, 202, 217

Triad

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



211, 205, 225



225, 213, 190



185, 201, 214

Complementary

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



211, 205, 225



205, 225, 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.



193, 209, 213



211, 205, 225



201, 216, 188

Square

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



211, 205, 225



230, 203, 197



191, 211, 198



183, 199, 218

Rectangle

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



211, 205, 225



227, 201, 211



191, 211, 198



187, 203, 214

Sweetspot

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



211, 205, 225



250, 247, 255



205, 213, 225



124, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



211, 205, 225



235, 227, 255



221, 205, 225



104, 101, 112



53, 0, 176



15, 0, 48

Inverse Universe

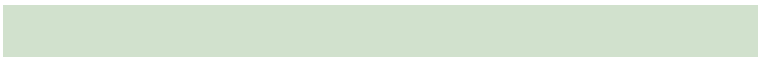
The Inverse Universe completely reimagines the original color for something new.



225, 205, 219



255, 227, 247



205, 225, 221



112, 101, 109



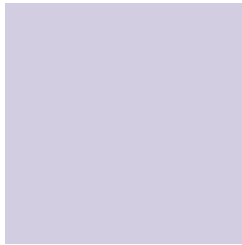
176, 0, 123



48, 0, 34

Previews

White Background



This preview shows how the RYB color 211, 205, 225 looks on a white background.

Color Contrast Check

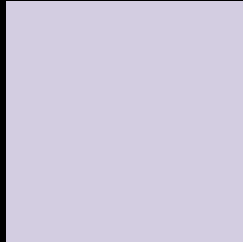
Large Text (above 18pt) WCAG AA × Fail

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, 225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

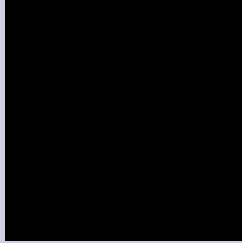
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

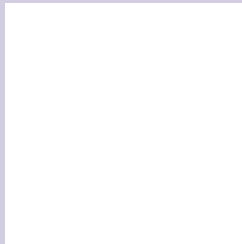
Any Text WCAG AAA ✓ Pass

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

R/Y/B 211, 205, 225 Background



This preview shows how black text looks on a background with the R/Y/B color 211, 205, 225.



This preview shows how white text looks on a background with the R/Y/B color 211, 205, 225.

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, 225

Protanopia
206, 206, 226

Deuteranopia
220, 202, 226



Tritanopia
210, 206, 222

Trichromacy



Original Color
211, 205, 225

Protanomaly
208, 206, 226

Deuteranomaly
217, 203, 226

Tritanomaly
210, 206, 223

Monochromacy



Original Color
211, 205, 225

Achromatopsia
209, 209, 209

Achromatomaly
210, 208, 215

CSS Examples

Text

The CSS property to change the color of the text to RYB 211, 205, 225 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, 225)` looks like.

```
.text, #text, p{  
    color:rgb(211, 205, 225)  
}
```

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, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 205, 225) }
```

Border

The CSS property to change the border of an element to RYB 211, 205, 225 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, 225) }
```

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

```
.border{ border-color:rgb(211, 205, 225) }
```

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, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 205, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 205, 225);  
box-shadow:4px 4px 4px 4px rgb(211, 205,  
225) }
```

Background

The CSS property to change the background color of an element to RGB 211, 205, 225 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, 225) }
```

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

```
.background{ background-color: rgb(211,  
205, 225) }
```

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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