

Converting Colors

`RYB(205, 201, 226)`

Have a look what the booklet for
RYB(205, 201, 226) contains.

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Color

R_YB(205, 201, 226)

Conversions

Conversions Part 1

Format	Color
Hex	CDC9E2
RGB	205, 201, 226
RGB Percent	80%, 79%, 89%
CMY	0.1961, 0.2118, 0.1137
CMYK	0.09, 0.11, 0.00, 0.11
HSL	250°, 30%, 84%
HSV	250°, 11%, 89%
XYZ	59.7909, 60.2434, 80.4283
YIQ	205.0460, -5.6410, 8.6230

Conversions

Conversions Part 2

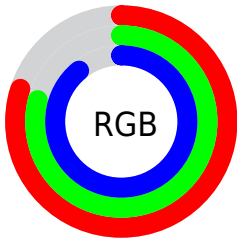
Format	Color
RYP	205, 201, 226
Decimal	13486562
CIELab	81.97, 6.13, -11.88
CIELCh	82, 13.368, 297.311
Yxy	60.2434, 0.2983, 0.3005
Android (android.graphics.Color)	4291676642 (0xFFCDC9E2)
YUV	205.0460, 10.3303, -0.0403
Hunter-Lab	77.6166, 1.6760, -7.1062

Details

The RYB color **205, 201, 226** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **201, 226, 205**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is 255, 255, 255, and **151, 147, 171** is the 20% darker color. If you saturate the color by 10%, you get **186, 178, 226**, and if you desaturate by 10%, it is **224, 224, 226**.

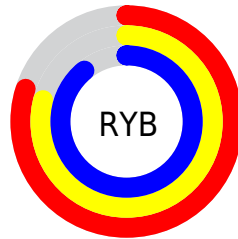
Distribution



Red (80%)

Green (79%)

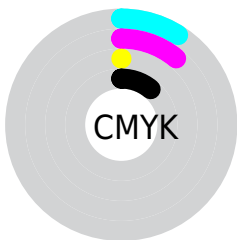
Blue (89%)



Red (80%)

Yellow (79%)

Blue (89%)

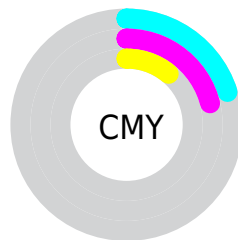


Cyan (9%)

Magenta (11%)

Yellow (0%)

Black (11%)



Cyan (20%)

Magenta (21%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RYB color 205, 201, 226 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 205, 201, 226 by changing the saturation by 10% instead.

■ 205, 201, 226

255, 255, 255

■ 205, 201, 226

■ 177, 174, 198

■ 151, 147, 171

■ 125, 121, 144

■ 100, 97, 119

■ 76, 73, 94

■ 53, 50, 70

■ 31, 29, 48

■ 9, 4, 27

■ 0, 0, 0

■ 205, 201, 226

■ 205, 201, 226

■ 186, 178, 226

■ 224, 224, 226

■ 167, 156, 226

■ 226, 246, 229

■ 148, 133, 226

■ 226, 255, 226

■ 129, 111, 226

■ 110, 88, 226

■ 91, 65, 226

■ 72, 43, 226

■ 53, 20, 226

■ 36, 0, 226

Harmonies

Analogous

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



189, 200, 229



205, 201, 226



219, 197, 218

Triad

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



205, 201, 226



226, 208, 183



176, 196, 211

Complementary

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



205, 201, 226



201, 226, 205

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.



187, 207, 210



205, 201, 226



197, 215, 179

Square

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



205, 201, 226



231, 196, 193



181, 207, 187



172, 192, 215

Rectangle

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



205, 201, 226



226, 196, 210



181, 207, 187



179, 199, 211

Sweetspot

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



205, 201, 226



249, 247, 255



201, 212, 226



123, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



205, 201, 226



227, 222, 255



217, 201, 226



103, 101, 112



28, 0, 176



8, 0, 48

Inverse Universe

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



226, 201, 222



255, 222, 250



201, 226, 217



112, 101, 110



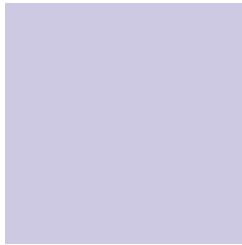
176, 0, 148



48, 0, 41

Previews

White Background



This preview shows how the RYB color 205, 201, 226 looks on a white background.

Color Contrast Check

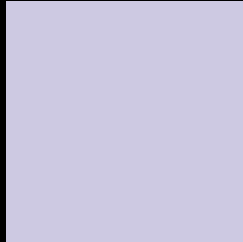
Large Text (above 18pt) WCAG AA × Fail

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 205, 201, 226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

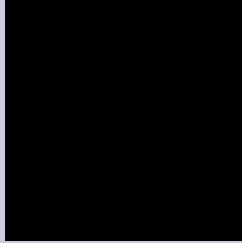
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

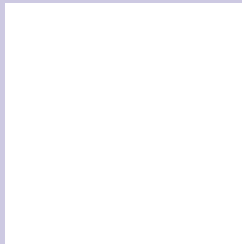
Any Text WCAG AAA ✓ Pass

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

RYP 205, 201, 226 Background



This preview shows how black text looks on a background with the RYB color 205, 201, 226.



This preview shows how white text looks on a background with the RYB color 205, 201, 226.

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
[205](#), [201](#), [226](#)

Protanopia
[201](#), [202](#), [227](#)

Deuteranopia
[213](#), [198](#), [227](#)



Tritanopia
204, 202, 218

Trichromacy



Original Color

205, 201, 226

Protanomaly

202, 202, 227

Deuteranomaly

210, 199, 227

Tritanomaly

204, 202, 221

Monochromacy



Original Color

205, 201, 226

Achromatopsia

205, 205, 205

Achromatomaly

205, 204, 213

CSS Examples

Text

The CSS property to change the color of the text to RYB 205, 201, 226 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(205, 201, 226) looks like.

```
.text, #text, p{  
    color:rgb(205, 201, 226)  
}
```

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(205, 201, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 201, 226) }
```

Border

The CSS property to change the border of an element to RYB 205, 201, 226 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(205, 201, 226) }
```

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

```
.border{ border-color:rgb(205, 201, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 201, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 201, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 201, 226);  
box-shadow:4px 4px 4px 4px rgb(205, 201,  
226) }
```

Background

The CSS property to change the background color of an element to RGB 205, 201, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 201, 226) }
```

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

```
.background{ background-color: rgb(205,  
201, 226) }
```

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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