

Converting Colors

`RYB(199, 186, 205)`

Have a look what the booklet for
RYB(199, 186, 205) contains.

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Color

R_YB(199, 186, 205)

Conversions

Conversions Part 1

Format	Color
Hex	C7BACD
RGB	199, 186, 205
RGB Percent	78%, 73%, 80%
CMY	0.2196, 0.2706, 0.1961
CMYK	0.03, 0.09, 0.00, 0.20
HSL	281°, 16%, 77%
HSV	281°, 9%, 80%
XYZ	52.1315, 51.6677, 64.9828
YIQ	192.0530, 1.6490, 8.6650

Conversions

Conversions Part 2

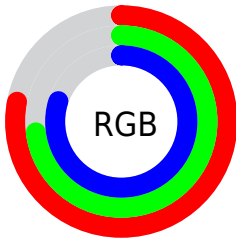
Format	Color
R_{YB}	199, 186, 205
Decimal	13089485
CIE _{Lab}	77.08, 8.07, -7.90
CIE _{LCh}	77, 11.294, 315.600
Yxy	51.6677, 0.3089, 0.3061
Android (android.graphics.Color)	4291279565 (0xFFC7BACD)
YUV	192.0530, 6.3829, 6.0925
Hunter-Lab	71.8802, 3.6677, -3.2845

Details

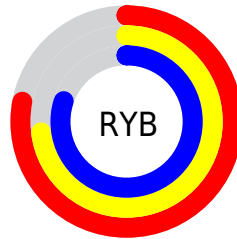
The RYB color **199, 186, 205** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **186, 205, 199**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **255, 242, 255**, and **145, 133, 151** is the 20% darker color. If you saturate the color by 10%, you get **193, 166, 205**, and if you desaturate by 10%, it is **205, 207, 207**.

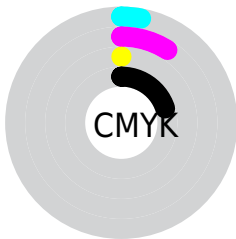
Distribution



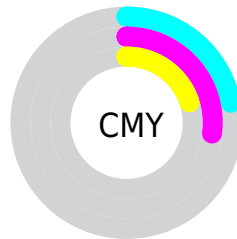
- Red (78%)
- Green (73%)
- Blue (80%)



- Red (78%)
- Yellow (73%)
- Blue (80%)



- Cyan (3%)
- Magenta (9%)
- Yellow (0%)
- Black (20%)



- Cyan (22%)
- Magenta (27%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 199, 186, 205 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 199, 186, 205 by changing the saturation by 10% instead.

 199, 186, 205

255, 255, 255

 255, 242, 255


 199, 186, 205

 172, 159, 178

 145, 133, 151

 119, 108, 125

 95, 83, 100

 71, 60, 76

 48, 39, 53


 27, 18, 32

 0, 0, 7

 0, 0, 0

 199, 186, 205


 199, 186, 205

 193, 166, 205


 205, 207, 207

 186, 145, 205

 205, 227, 220

 180, 124, 205


 205, 248, 235

 173, 104, 205

 205, 255, 235

 167, 83, 205


 205, 255, 229

 160, 63, 205

 205, 255, 222

 154, 42, 205

 205, 255, 216

 147, 22, 205

 205, 255, 209

 141, 1, 205

 205, 255, 205

Harmonies

Analogous

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



186, 189, 210



199, 186, 205



209, 184, 196

Triad

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



199, 186, 205



200, 204, 170



165, 182, 197

Complementary

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



199, 186, 205



186, 205, 199

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.



170, 186, 196



199, 186, 205



172, 193, 170

Square

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



199, 186, 205



211, 188, 176



175, 194, 188



166, 183, 205

Rectangle

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



199, 186, 205



212, 183, 189



175, 194, 188



166, 183, 197

Sweetspot

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



199, 186, 205



253, 247, 255



186, 191, 205



126, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



199, 186, 205



246, 227, 255



205, 186, 202



99, 92, 102



113, 0, 166



26, 0, 38

Inverse Universe

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



205, 186, 192



255, 227, 236



186, 202, 205



102, 92, 95



166, 0, 52



38, 0, 12

Previews

White Background



This preview shows how the RYB color 199, 186, 205 looks on a white background.

Color Contrast Check

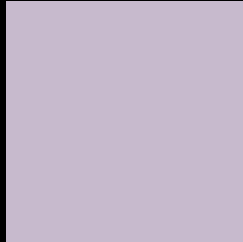
Large Text (above 18pt) WCAG AA × Fail

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 199, 186, 205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

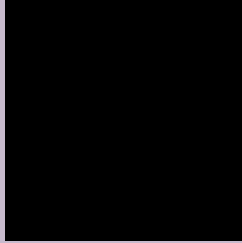
Any Text WCAG AA ✓ Pass

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 199, 186, 205 Background



This preview shows how black text looks on a background with the R/Y/B color 199, 186, 205.



This preview shows how white text looks on a background with the R/Y/B color 199, 186, 205.

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

[199, 186, 205](#)

Protanopia

[189, 189, 207](#)

Deuteranopia

[202, 185, 205](#)



Tritanopia
198, 187, 201

Trichromacy



Original Color

199, 186, 205

Protanomaly

193, 188, 206

Deuteranomaly

201, 185, 205

Tritanomaly

198, 187, 202

Monochromacy



Original Color

199, 186, 205

Achromatopsia

192, 192, 192

Achromatomaly

195, 190, 197

CSS Examples

Text

The CSS property to change the color of the text to RYB 199, 186, 205 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(199, 186, 205) looks like.

```
.text, #text, p{  
    color:rgb(199, 186, 205)  
}
```

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(199, 186, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 186, 205) }
```

Border

The CSS property to change the border of an element to RYB 199, 186, 205 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(199, 186, 205) }
```

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

```
.border{ border-color:rgb(199, 186, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 186, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 186, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 186, 205);  
box-shadow:4px 4px 4px 4px rgb(199, 186,  
205) }
```

Background

The CSS property to change the background color of an element to RYB 199, 186, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 186, 205) }
```

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

```
.background{ background-color: rgb(199,  
186, 205) }
```

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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