

Converting Colors

`RYB(205, 179, 195)`

Have a look what the booklet for RYB(205, 179, 195) contains.

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Color

R_YB(205, 179, 195)

Conversions

Conversions Part 1

Format	Color
Hex	CDB3C3
RGB	205, 179, 195
RGB Percent	80%, 70%, 76%
CMY	0.1961, 0.2980, 0.2353
CMYK	0.00, 0.13, 0.05, 0.20
HSL	323°, 21%, 75%
HSV	323°, 13%, 80%
XYZ	51.1473, 49.1595, 58.4227
YIQ	188.5980, 10.3600, 10.4880

Conversions

Conversions Part 2

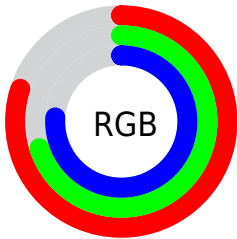
Format	Color
RYB	205, 179, 195
Decimal	13480899
CIELab	75.55, 12.08, -4.67
CIELCh	76, 12.950, 338.846
Yxy	49.1595, 0.3222, 0.3097
Android (android.graphics.Color)	4291670979 (0xFFCDB3C3)
YUV	188.5980, 3.1562, 14.3846
Hunter-Lab	70.1138, 7.5146, -0.3241

Details

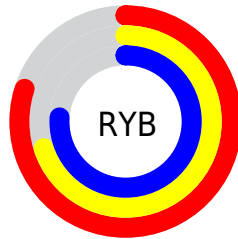
The RYB color **205, 179, 195** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **179, 198, 205**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **255, 235, 252**, and **151, 126, 141** is the 20% darker color. If you saturate the color by 10%, you get **205, 158, 187**, and if you desaturate by 10%, it is **205, 200, 203**.

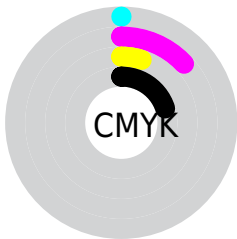
Distribution



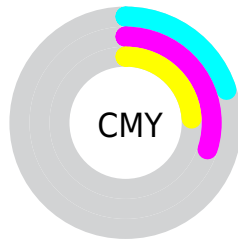
- Red (80%)
- Green (70%)
- Blue (76%)



- Red (80%)
- Yellow (70%)
- Blue (76%)



- Cyan (0%)
- Magenta (13%)
- Yellow (5%)
- Black (20%)



- Cyan (20%)
- Magenta (30%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the RYB color 205, 179, 195 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, 179, 195 by changing the saturation by 10% instead.


 205, 179, 195

 205, 179, 195

255, 255, 255

 177, 152, 168


 255, 235, 252

 151, 126, 141

 125, 101, 116

 100, 77, 91


 76, 54, 68

 53, 33, 46

 32, 11, 25

 0, 0, 0

 205, 179, 195

 205, 179, 195

■ 205, 158, 187

■ 205, 200, 203

■ 205, 138, 179

■ 205, 216, 220

■ 205, 118, 171

■ 205, 231, 241

■ 205, 97, 163

■ 205, 240, 255

■ 205, 77, 156

■ 205, 237, 255

■ 205, 56, 148

■ 205, 234, 255

■ 205, 35, 140

■ 205, 231, 255

■ 205, 15, 132

■ 205, 230, 255

■ 205, 0, 126

Harmonies

Analogous

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



193, 182, 205



205, 179, 195



211, 178, 183

Triad

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



205, 179, 195



171, 192, 163



157, 176, 201

Complementary

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



205, 179, 195



179, 198, 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.



157, 176, 193



205, 179, 195



167, 190, 179

Square

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



205, 179, 195



204, 197, 164



166, 184, 192



164, 180, 208

Rectangle

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



205, 179, 195



212, 179, 175



166, 184, 192



156, 175, 197

Sweetspot

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



205, 179, 195



255, 245, 251



189, 179, 205



128, 121, 125



0, 0, 0



128, 128, 128

Same Dimension

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



205, 179, 195



255, 217, 240



205, 179, 182



102, 92, 98



166, 0, 102



38, 0, 24

Inverse Universe

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



205, 179, 195



255, 217, 240



179, 193, 205



102, 92, 98



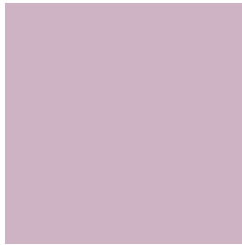
166, 0, 102



38, 0, 24

Previews

White Background



This preview shows how the RYB color 205, 179, 195 looks on a white background.

Color Contrast Check

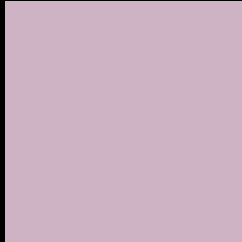
Large Text (above 18pt) WCAG AA × Fail

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, 179, 195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

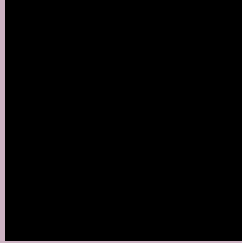
Any Text WCAG AA ✓ Pass

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 205, 179, 195 Background



This preview shows how black text looks on a background with the RYB color 205, 179, 195.







This preview shows how white text looks on a background with the RYB color 205, 179, 195.

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, 179, 195
	Protanopia 186, 185, 199
	Deuteranopia 200, 181, 195



Tritanopia
205, 179, 193

Trichromacy



Original Color

205, 179, 195

Protanomaly

193, 183, 198

Deuteranomaly

202, 180, 195

Tritanomaly

205, 179, 194

Monochromacy



Original Color

205, 179, 195

Achromatopsia

189, 189, 189

Achromatomaly

195, 185, 191

CSS Examples

Text

The CSS property to change the color of the text to RYB 205, 179, 195 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, 179, 195) looks like.

```
.text, #text, p{  
    color:rgb(205, 179, 195)  
}
```

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, 179, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 179, 195) }
```

Border

The CSS property to change the border of an element to RYB 205, 179, 195 is called "border". The border property can be set on classes, ids or directly on the HTML element.

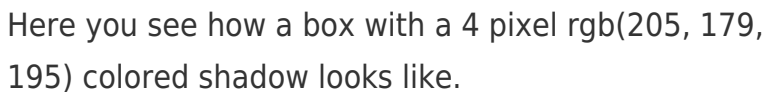
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 179, 195) }
```

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

```
.border{ border-color:rgb(205, 179, 195) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 179, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 179, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 179, 195);  
box-shadow:4px 4px 4px 4px rgb(205, 179,  
195) }
```

Background

The CSS property to change the background color of an element to RYB 205, 179, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 179, 195) }
```

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

```
.background{ background-color: rgb(205,  
179, 195) }
```

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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