

Converting Colors

`RYB(205, 175, 205)`

Have a look what the booklet for
RYB(205, 175, 205) contains.

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Color

R_YB(205, 175, 205)

Conversions

Conversions Part 1

Format	Color
Hex	CDAFCD
RGB	205, 175, 205
RGB Percent	80%, 69%, 80%
CMY	0.1961, 0.3137, 0.1961
CMYK	0.00, 0.15, 0.00, 0.20
HSL	300°, 23%, 75%
HSV	300°, 15%, 80%
XYZ	51.5263, 48.0469, 64.3159
YIQ	187.3900, 8.2500, 15.6900

Conversions

Conversions Part 2

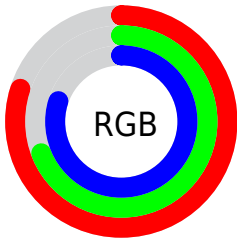
Format	Color
R _{YB}	205, 175, 205
Decimal	13479885
CIE _{Lab}	74.85, 16.08, -11.16
CIE _{LCh}	75, 19.575, 325.228
Yxy	48.0469, 0.3144, 0.2932
Android (android.graphics.Color)	4291669965 (0xFFCDAFCD)
YUV	187.3900, 8.6817, 15.4440
Hunter-Lab	69.3158, 11.3861, -6.4921

Details

The RYB color `205, 175, 205` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `175, 205, 205`, and the grayscale version is `187, 187, 187`.

A 20% lighter version of the original color is `255, 231, 255`, and `151, 122, 151` is the 20% darker color. If you saturate the color by 10%, you get `205, 155, 205`, and if you desaturate by 10%, it is `205, 195, 205`.

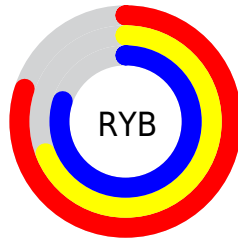
Distribution



Red (80%)

Green (69%)

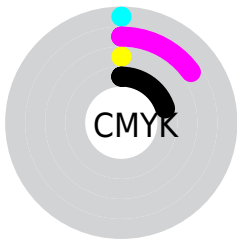
Blue (80%)



Red (80%)

Yellow (69%)

Blue (80%)

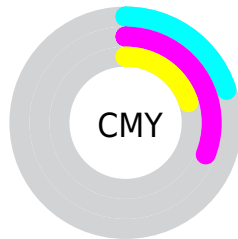


Cyan (0%)

Magenta (15%)

Yellow (0%)

Black (20%)



Cyan (20%)

Magenta (31%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 205, 175, 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 205, 175, 205 by changing the saturation by 10% instead.

■ 205, 175, 205

255, 255, 255

■ 255, 231, 255

■ 205, 175, 205

■ 177, 148, 178

■ 151, 122, 151

■ 125, 97, 125

■ 99, 74, 100

■ 75, 51, 76

■ 52, 29, 53

■ 31, 6, 32

■ 0, 0, 6

■ 0, 0, 0

 205, 175, 205

 205, 175, 205

 205, 155, 205

 205, 195, 205

 205, 134, 205


 205, 216, 216


 205, 114, 205


 205, 236, 236


 205, 93, 205


 205, 255, 255

 205, 73, 205

 205, 52, 205

 205, 31, 205

 205, 11, 205

 205, 0, 205

Harmonies

Analogous

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



184, 181, 217



205, 175, 205



218, 172, 188

Triad

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



205, 175, 205



179, 201, 149



136, 166, 199

Complementary

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



205, 175, 205



175, 205, 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.



144, 174, 195



205, 175, 205



151, 188, 157

Square

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



205, 175, 205



215, 187, 155



161, 190, 192



142, 171, 213

Rectangle

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



205, 175, 205



222, 172, 176



161, 190, 192



137, 167, 195

Sweetspot

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



205, 175, 205



255, 245, 255



175, 175, 205



128, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



205, 175, 205



255, 209, 255



205, 175, 190



102, 92, 102



166, 0, 166



38, 0, 38

Inverse Universe

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



205, 175, 205



255, 209, 255



175, 195, 205



102, 92, 102



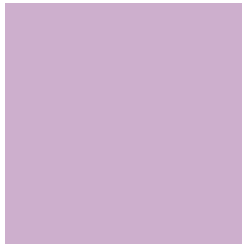
166, 0, 166



38, 0, 38

Previews

White Background



This preview shows how the RYB color 205, 175, 205 looks on a white background.

Color Contrast Check

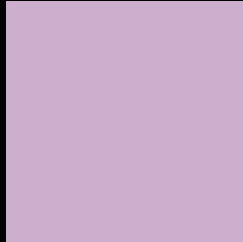
Large Text (above 18pt) WCAG AA × Fail

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 205, 175, 205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

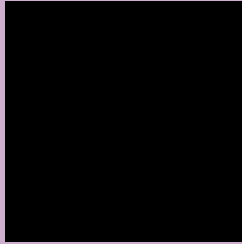
Any Text WCAG AA ✓ Pass

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](#).

RYP 205, 175, 205 Background



This preview shows how black text looks on a background with the RYB color 205, 175, 205.



This preview shows how white text looks on a background with the RYB color 205, 175, 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
205, 175, 205

Protanopia
180, 183, 210

Deuteranopia
193, 179, 204



Tritanopia
203, 177, 191

Trichromacy



Original Color
205, 175, 205

Protanomaly
189, 180, 208

Deuteranomaly
197, 178, 204

Tritanomaly
204, 176, 196

Monochromacy



Original Color
205, 175, 205

Achromatopsia
187, 187, 187

Achromatomaly
194, 183, 194

CSS Examples

Text

The CSS property to change the color of the text to RYB 205, 175, 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(205, 175, 205)` looks like.

```
.text, #text, p{  
    color:rgb(205, 175, 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(205, 175, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 175, 205) }
```

Border

The CSS property to change the border of an element to RYB 205, 175, 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(205, 175, 205) }
```

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

```
.border{ border-color:rgb(205, 175, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 175, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 175, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 175, 205);  
box-shadow:4px 4px 4px 4px rgb(205, 175,  
205) }
```

Background

The CSS property to change the background color of an element to RGB 205, 175, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 175, 205) }
```

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

```
.background{ background-color: rgb(205,  
175, 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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