

Converting Colors

`RYB(221, 185, 203)`

Have a look what the booklet for RYB(221, 185, 203) contains.

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Color

R_YB(221, 185, 203)

Conversions

Conversions Part 1

Format	Color
Hex	DDB9CB
RGB	221, 185, 203
RGB Percent	87%, 73%, 80%
CMY	0.1333, 0.2745, 0.2039
CMYK	0.00, 0.16, 0.08, 0.13
HSL	330°, 35%, 80%
HSV	330°, 16%, 87%
XYZ	57.9472, 54.3819, 63.9425
YIQ	197.8160, 15.6780, 13.2300

Conversions

Conversions Part 2

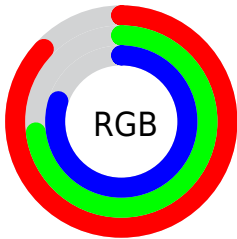
Format	Color
R _Y B	221, 185, 203
Decimal	14531019
CIE Lab	78.68, 15.85, -4.24
CIE LCh	79, 16.406, 345.037
Yxy	54.3819, 0.3287, 0.3085
Android (android.graphics.Color)	4292721099 (0xFFDDB9CB)
YUV	197.8160, 2.5557, 20.3324
Hunter-Lab	73.7441, 11.2112, 0.2113

Details

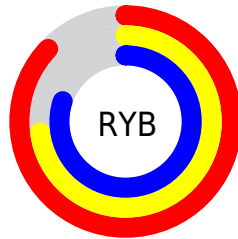
The RYB color **221, 185, 203** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **185, 209, 221**, and the grayscale version is **198, 198, 198**.

A 20% lighter version of the original color is **255, 241, 255**, and **166, 132, 149** is the 20% darker color. If you saturate the color by 10%, you get **221, 163, 192**, and if you desaturate by 10%, it is **221, 207, 214**.

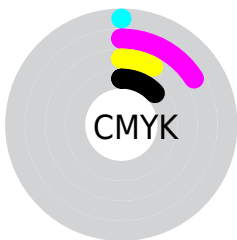
Distribution



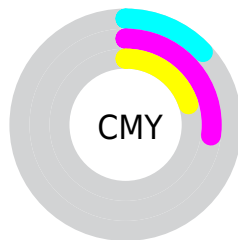
- Red (87%)
- Green (73%)
- Blue (80%)



- Red (87%)
- Yellow (73%)
- Blue (80%)



- Cyan (0%)
- Magenta (16%)
- Yellow (8%)
- Black (13%)



- Cyan (13%)
- Magenta (27%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 221, 185, 203 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 221, 185, 203 by changing the saturation by 10% instead.

 221, 185, 203

255, 255, 255

 255, 241, 255

 221, 185, 203


 193, 158, 176

 166, 132, 149

 139, 106, 123

 113, 82, 98

 89, 59, 75

 65, 37, 52

 42, 16, 31

 21, 0, 5

 0, 0, 0

■ 221, 185, 203

■ 221, 185, 203

■ 221, 163, 192

■ 221, 207, 214

■ 221, 141, 181

■ 221, 226, 229

■ 221, 119, 170

■ 221, 241, 251

■ 221, 97, 159

■ 221, 240, 255

■ 221, 75, 148

■ 221, 238, 255

■ 221, 52, 137

■ 221, 30, 126

■ 221, 8, 115

■ 221, 0, 111

Harmonies

Analogous

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



207, 188, 216



221, 185, 203



227, 184, 187

Triad

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



221, 185, 203



168, 199, 165



157, 183, 216

Complementary

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



221, 185, 203



185, 209, 221

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.



156, 181, 204



221, 185, 203



173, 200, 192

Square

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



221, 185, 203



210, 214, 166



165, 189, 203



169, 188, 224

Rectangle

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



221, 185, 203



226, 188, 178



165, 189, 203



155, 181, 212

Sweetspot

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



221, 185, 203



255, 242, 249



203, 185, 221



128, 120, 124



0, 0, 0



128, 128, 128

Same Dimension

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



221, 185, 203



255, 204, 230



221, 185, 185



110, 99, 104



173, 0, 87



46, 0, 23

Inverse Universe

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



221, 185, 203



255, 204, 230



185, 203, 221



110, 99, 104



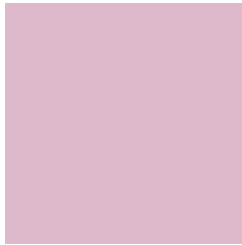
173, 0, 87



46, 0, 23

Previews

White Background



This preview shows how the RYB color 221, 185, 203 looks on a white background.

Color Contrast Check

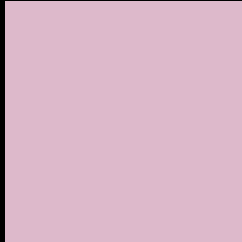
Large Text (above 18pt) WCAG AA × Fail

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 221, 185, 203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

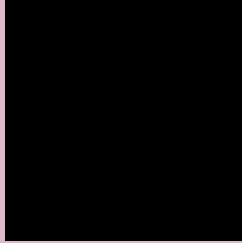
Any Text WCAG AA ✓ Pass

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 221, 185, 203 Background



This preview shows how black text looks on a background with the RYB color 221, 185, 203.



This preview shows how white text looks on a background with the RYB color 221, 185, 203.

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
221, 185, 203

Protanopia
195, 194, 208

Deuteranopia
210, 189, 202



Tritanopia
221, 185, 200

Trichromacy



Original Color
221, 185, 203

Protanomaly
204, 191, 206

Deuteranomaly
214, 188, 202

Tritanomaly
221, 185, 201

Monochromacy



Original Color
221, 185, 203

Achromatopsia
198, 198, 198

Achromatomaly
206, 193, 200

CSS Examples

Text

The CSS property to change the color of the text to RYB 221, 185, 203 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(221, 185, 203) looks like.

```
.text, #text, p{  
    color:rgb(221, 185, 203)  
}
```

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(221, 185, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 185, 203) }
```

Border

The CSS property to change the border of an element to RYB 221, 185, 203 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(221, 185, 203) }
```

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

```
.border{ border-color:rgb(221, 185, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 185, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 185, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 185, 203);  
box-shadow:4px 4px 4px 4px rgb(221, 185,  
203) }
```

Background

The CSS property to change the background color of an element to RYB 221, 185, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 185, 203) }
```

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

```
.background{ background-color: rgb(221,  
185, 203) }
```

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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