

Converting Colors

`RYB(221, 188, 209)`

Have a look what the booklet for
RYB(221, 188, 209) contains.

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Color

R_YB(221, 188, 209)

Conversions

Conversions Part 1

Format	Color
Hex	DDBCD1
RGB	221, 188, 209
RGB Percent	87%, 74%, 82%
CMY	0.1333, 0.2627, 0.1804
CMYK	0.00, 0.15, 0.05, 0.13
HSL	322°, 33%, 80%
HSV	322°, 15%, 87%
XYZ	59.3106, 55.9420, 67.9935
YIQ	200.2610, 12.9270, 13.5270

Conversions

Conversions Part 2

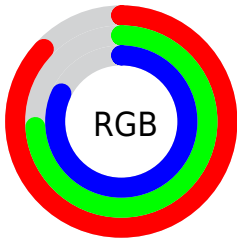
Format	Color
R _Y B	221, 188, 209
Decimal	14531793
CIE Lab	79.58, 15.28, -6.15
CIE LCh	80, 16.475, 338.066
Yxy	55.9420, 0.3237, 0.3053
Android (android.graphics.Color)	4292721873 (0xFFDDBC1)
YUV	200.2610, 4.3083, 18.1881
Hunter-Lab	74.7944, 10.6571, -1.5428

Details

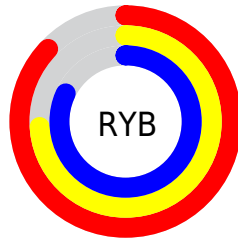
The RYB color **221, 188, 209** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **188, 212, 221**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is **255, 244, 255**, and **166, 135, 155** is the 20% darker color. If you saturate the color by 10%, you get **221, 166, 201**, and if you desaturate by 10%, it is **221, 210, 217**.

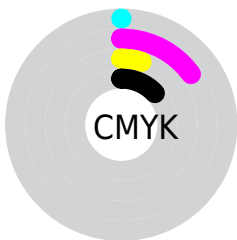
Distribution



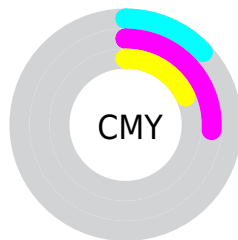
- Red (87%)
- Green (74%)
- Blue (82%)



- Red (87%)
- Yellow (74%)
- Blue (82%)



- Cyan (0%)
- Magenta (15%)
- Yellow (5%)
- Black (13%)



- Cyan (13%)
- Magenta (26%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 221, 188, 209 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, 188, 209 by changing the saturation by 10% instead.

 221, 188, 209

255, 255, 255

 255, 244, 255

 221, 188, 209


 193, 161, 181


 166, 135, 155

 139, 109, 129

 114, 85, 104


 89, 61, 79


 65, 39, 57


 43, 18, 35


 23, 0, 13


 0, 0, 0

 221, 188, 209


 221, 188, 209

 221, 166, 201


 221, 210, 217

 221, 144, 193


 221, 229, 232


 221, 122, 185


 221, 245, 254

 221, 100, 177


 221, 242, 255


 221, 78, 169


 221, 240, 255

 221, 55, 161

 221, 238, 255

 221, 33, 153

 221, 11, 145

 221, 0, 141

Harmonies

Analogous

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



205, 192, 221



221, 188, 209



229, 187, 193

Triad

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



221, 188, 209



177, 205, 167



158, 184, 216

Complementary

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



221, 188, 209



188, 212, 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.



160, 184, 206



221, 188, 209



173, 202, 187

Square

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



221, 188, 209



220, 211, 169



171, 195, 205



168, 189, 225

Rectangle

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



221, 188, 209



230, 187, 183



171, 195, 205



157, 183, 211

Sweetspot

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



221, 188, 209



255, 245, 251



200, 188, 221



128, 121, 125



0, 0, 0



128, 128, 128

Same Dimension

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



221, 188, 209



255, 209, 238



221, 188, 193



110, 99, 106



173, 0, 110



46, 0, 29

Inverse Universe

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



221, 188, 209



255, 209, 238



188, 206, 221



110, 99, 106



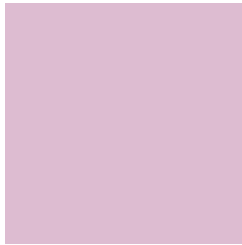
173, 0, 110



46, 0, 29

Previews

White Background



This preview shows how the RYB color 221, 188, 209 looks on a white background.

Color Contrast Check

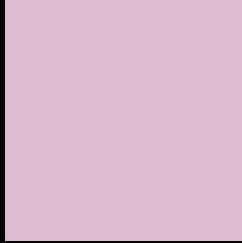
Large Text (above 18pt) WCAG AA × Fail

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, 188, 209 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, 188, 209 Background



This preview shows how black text looks on a background with the RYB color 221, 188, 209.



This preview shows how white text looks on a background with the RYB color 221, 188, 209.

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, 188, 209

Protanopia
196, 196, 214

Deuteranopia
212, 192, 208



Tritanopia
220, 189, 204

Trichromacy



Original Color

221, 188, 209

Protanomaly

205, 193, 212

Deuteranomaly

215, 191, 208

Tritanomaly

220, 189, 206

Monochromacy



Original Color

221, 188, 209

Achromatopsia

200, 200, 200

Achromatomaly

208, 196, 203

CSS Examples

Text

The CSS property to change the color of the text to RYB 221, 188, 209 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, 188, 209)` looks like.

```
.text, #text, p{  
    color:rgb(221, 188, 209)  
}
```

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, 188, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 188, 209) }
```

Border

The CSS property to change the border of an element to RYB 221, 188, 209 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, 188, 209) }
```

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

```
.border{ border-color:rgb(221, 188, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 188, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 188, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 188, 209);  
box-shadow:4px 4px 4px 4px rgb(221, 188,  
209) }
```

Background

The CSS property to change the background color of an element to RYB 221, 188, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 188, 209) }
```

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

```
.background{ background-color: rgb(221,  
188, 209) }
```

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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