

Converting Colors

`RYB(202, 121, 134)`

Have a look what the booklet for
RYB(202, 121, 134) contains.

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Color

R_YB(202, 121, 134)

Conversions

Conversions Part 1

Format	Color
Hex	CA7986
RGB	202, 121, 134
RGB Percent	79%, 47%, 53%
CMY	0.2078, 0.5255, 0.4745
CMYK	0.00, 0.40, 0.34, 0.21
HSL	350°, 43%, 63%
HSV	350°, 40%, 79%
XYZ	35.4976, 27.9525, 26.0787
YIQ	146.7010, 44.1030, 21.2150

Conversions

Conversions Part 2

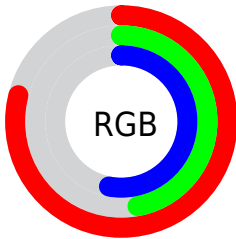
Format	Color
R _Y B	202, 121, 134
Decimal	13269382
CIE Lab	59.85, 33.15, 6.56
CIE LCh	60, 33.794, 11.200
Yxy	27.9525, 0.3965, 0.3122
Android (android.graphics.Color)	4291459462 (0xFFCA7986)
YUV	146.7010, -6.2616, 48.4972
Hunter-Lab	52.8702, 27.3240, 7.7637

Details

The RYB color **202, 121, 134** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **121, 165, 202**, and the grayscale version is **147, 147, 147**.

A 20% lighter version of the original color is **255, 174, 187**, and **146, 70, 85** is the 20% darker color. If you saturate the color by 10%, you get **202, 101, 117**, and if you desaturate by 10%, it is **202, 141, 151**.

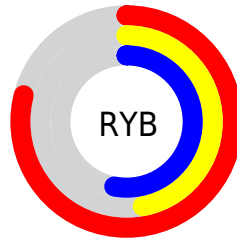
Distribution



Red (79%)

Green (47%)

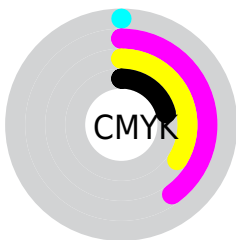
Blue (53%)



Red (79%)

Yellow (47%)

Blue (53%)

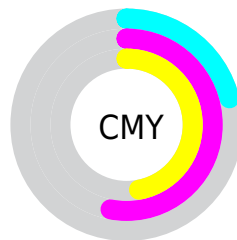


Cyan (0%)

Magenta (40%)

Yellow (34%)

Black (21%)



Cyan (21%)

Magenta (53%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 202, 121, 134 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 202, 121, 134 by changing the saturation by 10% instead.

 202, 121, 134

255, 255, 255

 255, 174, 187


 255, 202, 215

 255, 231, 243

 202, 121, 134

 173, 95, 109

 146, 70, 85

 118, 46, 61

 92, 21, 40


 66, 0, 19

 44, 0, 1

 0, 0, 0

 202, 121, 134

 202, 101, 117

 202, 121, 134

 202, 141, 151

■ 202, 81, 100

■ 202, 161, 168

■ 202, 60, 83

■ 202, 182, 185

■ 202, 40, 66

■ 202, 202, 202

■ 202, 20, 49

■ 202, 213, 222

■ 202, 0, 32

■ 202, 224, 242

■ 202, 229, 255

■ 202, 229, 255

Harmonies

Analogous

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



190, 123, 164



202, 121, 134



197, 132, 106

Triad

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



202, 121, 134



98, 154, 132



67, 119, 200

Complementary

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



202, 121, 134



121, 165, 202

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.



8, 89, 182



202, 121, 134



83, 132, 159

Square

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



202, 121, 134



93, 153, 85



38, 100, 160



119, 138, 202

Rectangle

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



202, 121, 134



187, 160, 93



38, 100, 160



47, 110, 196

Sweetspot

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



202, 121, 134



255, 224, 229



189, 121, 202



128, 110, 113



0, 0, 0



128, 128, 128

Same Dimension

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



202, 121, 134



255, 133, 152



202, 162, 121



102, 92, 93



166, 0, 27



38, 0, 6

Inverse Universe

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



202, 121, 134



255, 133, 152



121, 153, 202



102, 92, 93



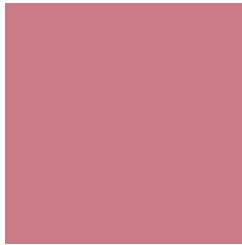
166, 0, 27



38, 0, 6

Previews

White Background



This preview shows how the RYB color 202, 121, 134 looks on a white background.

Color Contrast Check

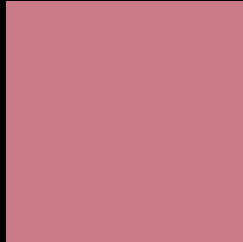
Large Text (above 18pt) WCAG AA ✓ Pass

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 202, 121, 134 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 202, 121, 134 Background



This preview shows how black text looks on a background with the RYB color 202, 121, 134.

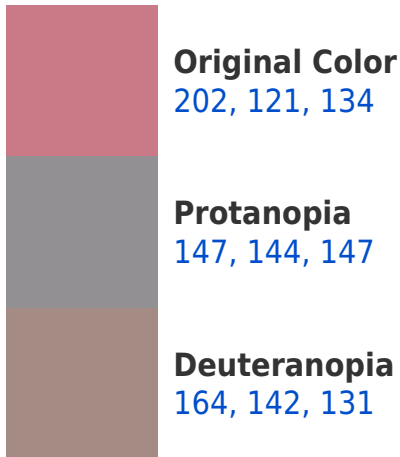


This preview shows how white text looks on a background with the RYB color 202, 121, 134.

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





Tritanopia
202, 122, 131

Trichromacy



Original Color

202, 121, 134

Protanomaly

167, 136, 142

Deuteranomaly

178, 132, 132

Tritanomaly

202, 122, 132

Monochromacy



Original Color

202, 121, 134

Achromatopsia

147, 147, 147

Achromatomaly

167, 138, 142

CSS Examples

Text

The CSS property to change the color of the text to RYB 202, 121, 134 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(202, 121, 134) looks like.

```
.text, #text, p{  
    color:rgb(202, 121, 134)  
}
```

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(202, 121, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 121, 134) }
```

Border

The CSS property to change the border of an element to RYB 202, 121, 134 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(202, 121, 134) }
```

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

```
.border{ border-color:rgb(202, 121, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 121, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 121, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 121, 134);  
box-shadow:4px 4px 4px 4px rgb(202, 121,  
134) }
```

Background

The CSS property to change the background color of an element to RGB 202, 121, 134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 121, 134) }
```

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

```
.background{ background-color: rgb(202,  
121, 134) }
```

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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