

# Converting Colors

`RYB(200, 128, 134)`

Have a look what the booklet for  
RYB(200, 128, 134) contains.

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# Color

**R<sub>Y</sub>B(200, 128, 134)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C88086
RGB	200, 128, 134
RGB Percent	78%, 50%, 53%
CMY	0.2157, 0.4980, 0.4745
CMYK	0.00, 0.36, 0.33, 0.22
HSL	355°, 40%, 64%
HSV	355°, 36%, 78%
XYZ	35.8417, 29.4389, 26.3475
YIQ	150.2120, 40.9860, 17.1300

# Conversions

## Conversions Part 2

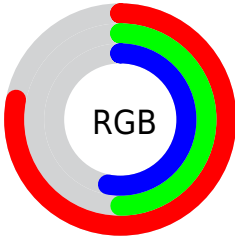
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	200, 128, 134
Decimal	13140102
CIE <sub>Lab</sub>	61.17, 28.62, 8.42
CIE <sub>LCh</sub>	61, 29.828, 16.390
Yxy	29.4389, 0.3912, 0.3213
Android (android.graphics.Color)	4291330182 (0xFFC88086)
YUV	150.2120, -7.9925, 43.6641
Hunter-Lab	54.2577, 22.9631, 9.1892

# Details

The RYB color **200, 128, 134** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **128, 166, 200**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **255, 182, 187**, and **144, 78, 85** is the 20% darker color. If you saturate the color by 10%, you get **200, 108, 116**, and if you desaturate by 10%, it is **200, 148, 152**.

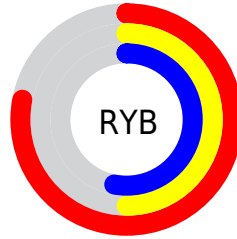
# Distribution



Red (78%)

Green (50%)

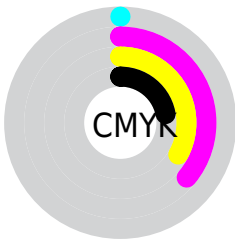
Blue (53%)



Red (78%)

Yellow (50%)

Blue (53%)

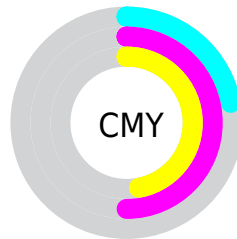


Cyan (0%)

Magenta (36%)

Yellow (33%)

Black (22%)



Cyan (22%)

Magenta (50%)


Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 200, 128, 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 200, 128, 134 by changing the saturation by 10% instead.




 200, 128, 134


255, 255, 255

 255, 182, 187

 255, 209, 215


 255, 238, 243

 200, 128, 134

 172, 102, 109

 144, 78, 85

 117, 54, 61

 91, 30, 40


 65, 5, 19


 43, 0, 1

 0, 0, 0

 200, 128, 134

 200, 108, 116


 200, 128, 134

 200, 148, 152

 200, 88, 97

 200, 168, 171

 200, 68, 79

 200, 188, 189

 200, 48, 61

 200, 204, 208

 200, 28, 42

 200, 215, 228

 200, 8, 24

 200, 225, 248

 200, 0, 17

 200, 228, 255

# Harmonies

## Analogous

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



192, 129, 161



200, 128, 134



194, 141, 111

# Triad

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



200, 128, 134



110, 157, 146



93, 132, 198

# Complementary

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



200, 128, 134



128, 166, 200

# 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.



60, 116, 185



200, 128, 134



90, 134, 161

# Square

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



200, 128, 134



96, 151, 96



62, 112, 162



134, 143, 198

# Rectangle

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



200, 128, 134



183, 174, 100



62, 112, 162



80, 126, 195



# Sweetspot

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



200, 128, 134



255, 227, 229



194, 128, 200



128, 111, 112



0, 0, 0



128, 128, 128



# Same Dimension

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



200, 128, 134



255, 145, 154



200, 179, 128



99, 90, 90



163, 0, 14



36, 0, 3



# Inverse Universe

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



200, 128, 134



255, 145, 154



128, 155, 200



99, 90, 90



163, 0, 14

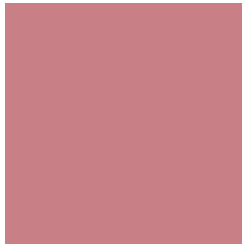


36, 0, 3



# Previews

## White Background



This preview shows how the RYB color 200, 128, 134 looks on a white background.

## Color Contrast Check

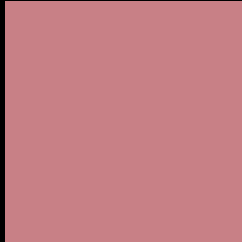
Large Text (above 18pt) WCAG AA ✓ Pass

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 200, 128, 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 200, 128, 134 Background**



This preview shows how black text looks on a background with the RYB color 200, 128, 134.



This preview shows how white text looks on a background with the RYB color 200, 128, 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



**Original Color**  
200, 128, 134

**Protanopia**  
151, 149, 144

**Deuteranopia**  
168, 149, 131



**Tritanopia**  
200, 128, 137

# Trichromacy



**Original Color**

200, 128, 134

**Protanomaly**

169, 140, 140

**Deuteranomaly**

180, 139, 132

**Tritanomaly**

200, 128, 136

# Monochromacy



**Original Color**

200, 128, 134

**Achromatopsia**

150, 150, 150

**Achromatomaly**

168, 142, 144

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 200, 128, 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(200, 128, 134) looks like.

```
.text, #text, p{  
    color:rgb(200, 128, 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(200, 128, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 128, 134) }
```

## Border

The CSS property to change the border of an element to RYB 200, 128, 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(200, 128, 134) }
```

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

```
.border{ border-color:rgb(200, 128, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 128, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 128, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 128, 134);  
box-shadow:4px 4px 4px 4px rgb(200, 128,  
134) }
```

# Background

The CSS property to change the background color of an element to RYB 200, 128, 134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 128, 134) }
```

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

```
.background{ background-color: rgb(200,  
128, 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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