

Converting Colors

`RYB(207, 128, 138)`

Have a look what the booklet for
RYB(207, 128, 138) contains.

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Color

R_YB(207, 128, 138)

Conversions

Conversions Part 1

Format	Color
Hex	CF808A
RGB	207, 128, 138
RGB Percent	81%, 50%, 54%
CMY	0.1882, 0.4980, 0.4588
CMYK	0.00, 0.38, 0.33, 0.19
HSL	352°, 45%, 66%
HSV	352°, 38%, 81%
XYZ	38.0387, 30.5387, 27.9345
YIQ	152.7610, 43.8740, 19.8580

Conversions

Conversions Part 2

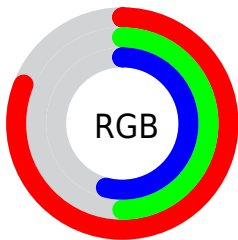
Format	Color
RYB	207, 128, 138
Decimal	13598858
CIELab	62.12, 31.76, 7.60
CIELCh	62, 32.656, 13.457
Yxy	30.5387, 0.3941, 0.3164
Android (android.graphics.Color)	4291788938 (0xFFCF808A)
YUV	152.7610, -7.2772, 47.5676
Hunter-Lab	55.2618, 26.1598, 8.7126

Details

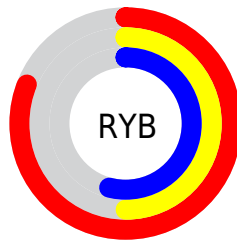
The RYB color **207, 128, 138** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **128, 170, 207**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **255, 182, 191**, and **150, 77, 88** is the 20% darker color. If you saturate the color by 10%, you get **207, 107, 120**, and if you desaturate by 10%, it is **207, 149, 156**.

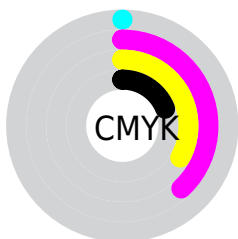
Distribution



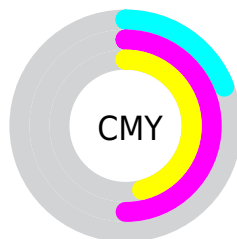
- Red (81%)
- Green (50%)
- Blue (54%)



- Red (81%)
- Yellow (50%)
- Blue (54%)



- Cyan (0%)
- Magenta (38%)
- Yellow (33%)
- Black (19%)



- Cyan (19%)
- Magenta (50%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RYB color 207, 128, 138 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 207, 128, 138 by changing the saturation by 10% instead.

 207, 128, 138

255, 255, 255

 255, 182, 191

 255, 210, 219

 255, 238, 248

 207, 128, 138

 178, 102, 113

 150, 77, 88


 123, 53, 65

 96, 29, 43

 70, 2, 23


 48, 0, 0

 0, 0, 0

 207, 128, 138

 207, 107, 120

 207, 128, 138

 207, 149, 156

 207, 87, 102

 207, 169, 174

 207, 66, 84

 207, 190, 192

 207, 45, 66

 207, 209, 211

 207, 24, 48

 207, 221, 232

 207, 4, 30

 207, 231, 252

 207, 0, 26

 207, 231, 255

Harmonies

Analogous

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



197, 130, 167



207, 128, 138



202, 139, 112

Triad

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



207, 128, 138



107, 160, 143



82, 129, 205

Complementary

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



207, 128, 138



128, 170, 207

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.



42, 109, 189



207, 128, 138



88, 137, 165

Square

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



207, 128, 138



97, 157, 93



52, 110, 166



130, 145, 206

Rectangle

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



207, 128, 138



191, 170, 99



52, 110, 166



67, 122, 201

Sweetspot

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



207, 128, 138



255, 227, 231



196, 128, 207



128, 111, 113



0, 0, 0



128, 128, 128

Same Dimension

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



207, 128, 138



255, 138, 153



207, 174, 128



105, 94, 95



168, 0, 21



41, 0, 5

Inverse Universe

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



207, 128, 138



255, 138, 153



128, 159, 207



105, 94, 95



168, 0, 21



41, 0, 5

Previews

White Background



This preview shows how the RYB color 207, 128, 138 looks on a white background.

Color Contrast Check

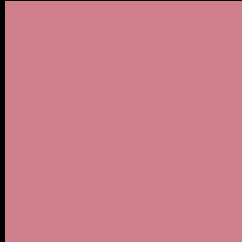
Large Text (above 18pt) WCAG AA × Fail

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 207, 128, 138 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 207, 128, 138 Background



This preview shows how black text looks on a background with the RYB color 207, 128, 138.

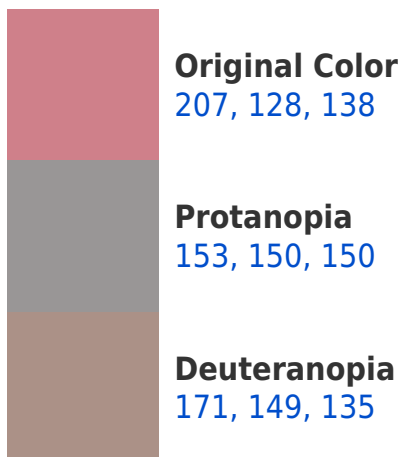


This preview shows how white text looks on a background with the RYB color 207, 128, 138.

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
207, 128, 138

Trichromacy



Original Color
207, 128, 138

Protanomaly
173, 142, 146

Deuteranomaly
184, 139, 136

Tritanomaly
207, 128, 138

Monochromacy



Original Color
207, 128, 138

Achromatopsia
153, 153, 153

Achromatomaly
173, 144, 148

CSS Examples

Text

The CSS property to change the color of the text to RYB 207, 128, 138 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(207, 128, 138) looks like.

```
.text, #text, p{  
    color:rgb(207, 128, 138)  
}
```

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(207, 128, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 128, 138) }
```

Border

The CSS property to change the border of an element to RYB 207, 128, 138 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(207, 128, 138) }
```

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

```
.border{ border-color:rgb(207, 128, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 128, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 128, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 128, 138);  
box-shadow:4px 4px 4px 4px rgb(207, 128,  
138) }
```

Background

The CSS property to change the background color of an element to RGB 207, 128, 138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 128, 138) }
```

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

```
.background{ background-color: rgb(207,  
128, 138) }
```

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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