

Converting Colors

`RYB(202, 112, 127)`

Have a look what the booklet for
RYB(202, 112, 127) contains.

RYB(202, 112, 127)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(202, 112, 127)

Conversions

Conversions Part 1

Format	Color
Hex	CA707F
RGB	202, 112, 127
RGB Percent	79%, 44%, 50%
CMY	0.2078, 0.5608, 0.5020
CMYK	0.00, 0.45, 0.37, 0.21
HSL	350°, 46%, 62%
HSV	350°, 45%, 79%
XYZ	33.9821, 25.6772, 23.2438
YIQ	140.6200, 48.8250, 23.7450

Conversions

Conversions Part 2

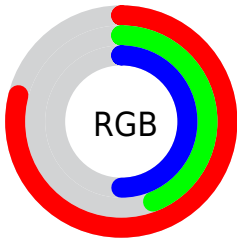
Format	Color
RYB	202, 112, 127
Decimal	13267071
CIELab	57.73, 37.07, 7.59
CIELCh	58, 37.843, 11.568
Yxy	25.6772, 0.4099, 0.3097
Android (android.graphics.Color)	4291457151 (0xFFCA707F)
YUV	140.6200, -6.7147, 53.8303
Hunter-Lab	50.6727, 31.0283, 8.2742

Details

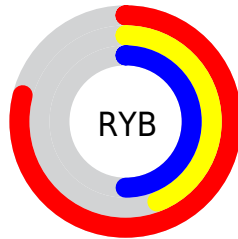
The RYB color **202, 112, 127** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **112, 161, 202**, and the grayscale version is **141, 141, 141**.

A 20% lighter version of the original color is **255, 165, 180**, and **145, 61, 78** is the 20% darker color. If you saturate the color by 10%, you get **202, 92, 110**, and if you desaturate by 10%, it is **202, 132, 144**.

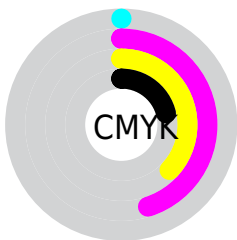
Distribution



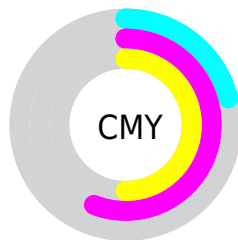
- Red (79%)
- Green (44%)
- Blue (50%)



- Red (79%)
- Yellow (44%)
- Blue (50%)



- Cyan (0%)
- Magenta (45%)
- Yellow (37%)
- Black (21%)



- Cyan (21%)
- Magenta (56%)
- Yellow (50%)


Brightness & Saturation Gradients

These gradients show how the RYB color 202, 112, 127 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, 112, 127 by changing the saturation by 10% instead.

 202, 112, 127


255, 255, 255

 255, 165, 180

 255, 193, 207

 255, 221, 235

 255, 250, 255

 202, 112, 127

 173, 86, 102

 145, 61, 78

 117, 36, 55

 90, 7, 34


 64, 0, 12


 40, 0, 1

 0, 0, 0

 202, 112, 127


 202, 92, 110

 202, 112, 127


 202, 132, 144


 202, 72, 93


 202, 152, 161

 202, 51, 77

 202, 173, 178

 202, 31, 60

 202, 193, 194

 202, 11, 43

 202, 208, 213

 202, 0, 34

 202, 219, 233

 202, 230, 253

 202, 229, 255

Harmonies

Analogous

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



190, 115, 160



202, 112, 127



196, 124, 96

Triad

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



202, 112, 127



88, 149, 126



34, 102, 201

Complementary

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



202, 112, 127



112, 161, 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.



0, 83, 182



202, 112, 127



65, 121, 154

Square

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



202, 112, 127



79, 147, 72



0, 79, 156



109, 131, 203

Rectangle

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



202, 112, 127



185, 160, 81



0, 79, 156



0, 85, 196

Sweetspot

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



202, 112, 127



255, 222, 227



187, 112, 202



128, 107, 111



0, 0, 0



128, 128, 128

Same Dimension

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



202, 112, 127



255, 120, 142



202, 157, 112



102, 92, 94



166, 0, 28



38, 0, 6

Inverse Universe

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



202, 112, 127



255, 120, 142



112, 148, 202



102, 92, 94



166, 0, 28



38, 0, 6

Previews

White Background



This preview shows how the RYB color 202, 112, 127 looks on a white background.

Color Contrast Check

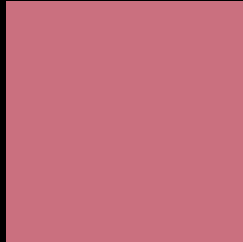
Large Text (above 18pt) WCAG AA ✓ Pass

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, 112, 127 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, 112, 127 Background



This preview shows how black text looks on a background with the RYB color 202, 112, 127.




This preview shows how white text looks on a background with the RYB color 202, 112, 127.

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, 113, 121

Trichromacy



Original Color

202, 112, 127

Protanomaly

163, 129, 137

Deuteranomaly

174, 126, 124

Tritanomaly

202, 113, 123

Monochromacy



Original Color

202, 112, 127

Achromatopsia

141, 141, 141

Achromatomaly

163, 130, 136

CSS Examples

Text

The CSS property to change the color of the text to RYB 202, 112, 127 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, 112, 127) looks like.

```
.text, #text, p{  
    color:rgb(202, 112, 127)  
}
```

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, 112, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 112, 127) }
```

Border

The CSS property to change the border of an element to RYB 202, 112, 127 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, 112, 127) }
```

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

```
.border{ border-color:rgb(202, 112, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 112, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 112, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 112, 127);  
box-shadow:4px 4px 4px 4px rgb(202, 112,  
127) }
```

Background

The CSS property to change the background color of an element to RGB 202, 112, 127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 112, 127) }
```

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

```
.background{ background-color: rgb(202,  
112, 127) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor