

Converting Colors

`RYB(201, 127, 141)`

Have a look what the booklet for
RYB(201, 127, 141) contains.

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Color

$\text{RYB}(201, 127, 141)$

Conversions

Conversions Part 1

Format	Color
Hex	C97F8D
RGB	201, 127, 141
RGB Percent	79%, 50%, 55%
CMY	0.2118, 0.5020, 0.4471
CMYK	0.00, 0.37, 0.30, 0.21
HSL	349°, 41%, 64%
HSV	349°, 37%, 79%
XYZ	36.4845, 29.5193, 28.9742
YIQ	150.7220, 39.6100, 20.0420

Conversions

Conversions Part 2

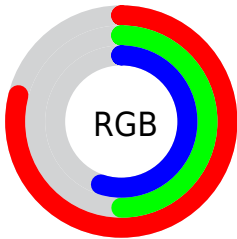
Format	Color
RYB	201, 127, 141
Decimal	13205389
CIELab	61.24, 30.46, 4.53
CIElCh	61, 30.794, 8.452
Yxy	29.5193, 0.3841, 0.3108
Android (android.graphics.Color)	4291395469 (0xFFC97F8D)
YUV	150.7220, -4.7929, 44.0938
Hunter-Lab	54.3317, 24.7847, 6.4139

Details

The RYB color **201, 127, 141** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **127, 168, 201**, and the grayscale version is **151, 151, 151**.

A 20% lighter version of the original color is **255, 181, 195**, and **145, 76, 91** is the 20% darker color. If you saturate the color by 10%, you get **201, 107, 125**, and if you desaturate by 10%, it is **201, 147, 157**.

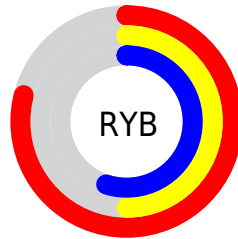
Distribution



Red (79%)

Green (50%)

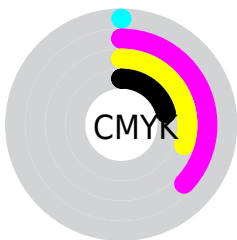
Blue (55%)



Red (79%)

Yellow (50%)

Blue (55%)

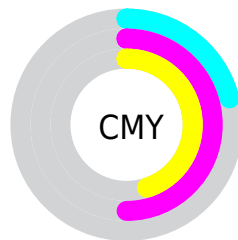


Cyan (0%)

Magenta (37%)

Yellow (30%)

Black (21%)



Cyan (21%)


Magenta (50%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 201, 127, 141 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 201, 127, 141 by changing the saturation by 10% instead.


 201, 127, 141

255, 255, 255

 255, 181, 195

 255, 208, 222

 255, 237, 251

 201, 127, 141

 173, 101, 116

 145, 76, 91


 118, 52, 68


 92, 28, 45


 66, 3, 25


 45, 0, 1

 0, 0, 0

 201, 127, 141

 201, 107, 125

 201, 127, 141

 201, 147, 157

■ 201, 87, 108

■ 201, 167, 174

■ 201, 67, 92

■ 201, 187, 190

■ 201, 47, 76

■ 201, 204, 207

■ 201, 27, 60

■ 201, 216, 228

■ 201, 6, 43

■ 201, 227, 248

■ 201, 0, 38

■ 201, 228, 255

Harmonies

Analogous

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



189, 130, 168



201, 127, 141



198, 135, 115

Triad

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



201, 127, 141



104, 156, 131



79, 126, 198

Complementary

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



201, 127, 141



127, 168, 201

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.



50, 110, 181



201, 127, 141



96, 140, 161

Square

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



201, 127, 141



105, 159, 93



64, 116, 163



122, 142, 201

Rectangle

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



201, 127, 141



189, 158, 102



64, 116, 163



66, 119, 193

Sweetspot

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



201, 127, 141



255, 227, 232



186, 127, 201



128, 111, 114



0, 0, 0



128, 128, 128

Same Dimension

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



201, 127, 141



255, 143, 164



201, 158, 127



99, 90, 91



163, 0, 31



36, 0, 7

Inverse Universe

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



201, 127, 141



255, 143, 164



127, 158, 201



99, 90, 91



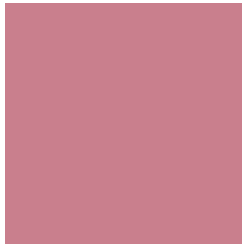
163, 0, 31



36, 0, 7

Previews

White Background



This preview shows how the RYB color 201, 127, 141 looks on a white background.

Color Contrast Check

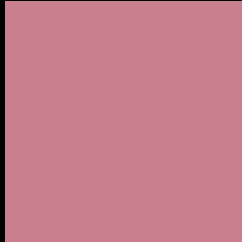
Large Text (above 18pt) WCAG AA ✓ Pass

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 201, 127, 141 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 201, 127, 141 Background



This preview shows how black text looks on a background with the RYB color 201, 127, 141.



This preview shows how white text looks on a background with the RYB color 201, 127, 141.

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
201, 127, 141

Protanopia
150, 147, 153

Deuteranopia
166, 144, 138



Tritanopia
201, 128, 137

Trichromacy



Original Color
201, 127, 141

Protanomaly
169, 140, 149

Deuteranomaly
179, 137, 139

Tritanomaly
201, 128, 138

Monochromacy



Original Color
201, 127, 141

Achromatopsia
151, 151, 151

Achromatomaly
169, 142, 147

CSS Examples

Text

The CSS property to change the color of the text to RYB 201, 127, 141 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(201, 127, 141) looks like.

```
.text, #text, p{  
    color:rgb(201, 127, 141)  
}
```

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(201, 127, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 127, 141) }
```

Border

The CSS property to change the border of an element to RYB 201, 127, 141 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(201, 127, 141) }
```

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

```
.border{ border-color:rgb(201, 127, 141) }
```

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

Here you see how a box with a 4 pixel rgb(201, 127, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 127, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 127, 141);  
box-shadow:4px 4px 4px 4px rgb(201, 127,  
141) }
```

Background

The CSS property to change the background color of an element to RGB 201, 127, 141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 127, 141) }
```

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

```
.background{ background-color: rgb(201,  
127, 141) }
```

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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