

Converting Colors

`RYB(209, 117, 151)`

Have a look what the booklet for
RYB(209, 117, 151) contains.

RYB(209, 117, 151)	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

$\text{RYB}(209, 117, 151)$

Conversions

Conversions Part 1

Format	Color
Hex	D17597
RGB	209, 117, 151
RGB Percent	82%, 46%, 59%
CMY	0.1804, 0.5412, 0.4078
CMYK	0.00, 0.44, 0.28, 0.18
HSL	338°, 50%, 64%
HSV	338°, 44%, 82%
XYZ	38.2417, 28.5123, 32.7660
YIQ	148.3840, 43.9180, 30.0780

Conversions

Conversions Part 2

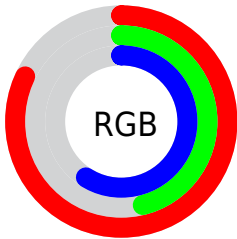
Format	Color
R _Y B	209, 117, 151
Decimal	13727127
CIE Lab	60.35, 40.03, -2.39
CIE LCh	60, 40.104, 356.585
Yxy	28.5123, 0.3843, 0.2865
Android (android.graphics.Color)	4291917207 (0xFFD17597)
YUV	148.3840, 1.2897, 53.1602
Hunter-Lab	53.3969, 34.3934, 0.9956

Details

The RYB color **209, 117, 151** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **117, 173, 209**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **255, 171, 205**, and **152, 66, 100** is the 20% darker color. If you saturate the color by 10%, you get **209, 96, 138**, and if you desaturate by 10%, it is **209, 138, 164**.

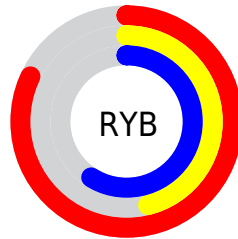
Distribution



Red (82%)

Green (46%)

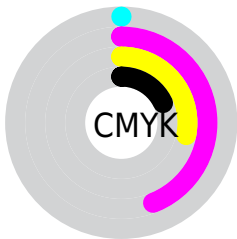
Blue (59%)



Red (82%)

Yellow (46%)

Blue (59%)

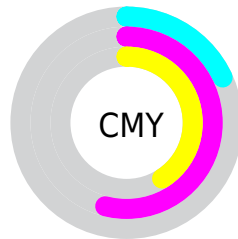


Cyan (0%)

Magenta (44%)

Yellow (28%)

Black (18%)



Cyan (18%)

Magenta (54%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 209, 117, 151 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 209, 117, 151 by changing the saturation by 10% instead.

 209, 117, 151

255, 255, 255

 255, 171, 205

 255, 199, 233


 255, 227, 255


 209, 117, 151

 180, 91, 125

 152, 66, 100

 125, 40, 76

 98, 11, 54

 71, 0, 33


 50, 0, 9

 0, 0, 0

 209, 117, 151

 209, 96, 138

 209, 117, 151

 209, 138, 164

 209, 75, 125

 209, 159, 177

 209, 54, 111

 209, 180, 191

 209, 33, 98

 209, 201, 204

 209, 13, 85

 209, 216, 221

 209, 0, 77

 209, 229, 242

 209, 235, 255

 209, 232, 255

Harmonies

Analogous

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



186, 125, 185



209, 117, 151



212, 119, 116

Triad

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



209, 117, 151



80, 153, 97



0, 89, 204

Complementary

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



209, 117, 151



117, 173, 209

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, 85, 176



209, 117, 151



93, 150, 160

Square

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



209, 117, 151



115, 171, 74



26, 102, 164



79, 126, 216

Rectangle

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



209, 117, 151



204, 136, 96



26, 102, 164



0, 88, 196

Sweetspot

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



209, 117, 151



255, 222, 234



174, 117, 209



128, 107, 115



0, 0, 0



128, 128, 128

Same Dimension

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



209, 117, 151



255, 120, 170



209, 129, 117



105, 94, 98



168, 0, 62



41, 0, 15

Inverse Universe

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



209, 117, 151



255, 120, 170



117, 160, 209



105, 94, 98



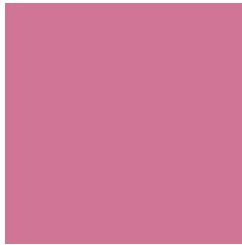
168, 0, 62



41, 0, 15

Previews

White Background



This preview shows how the RYB color 209, 117, 151 looks on a white background.

Color Contrast Check

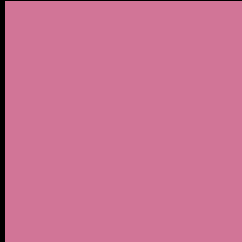
Large Text (above 18pt) WCAG AA ✓ Pass

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 209, 117, 151 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 209, 117, 151 Background



This preview shows how black text looks on a background with the RYB color 209, 117, 151.

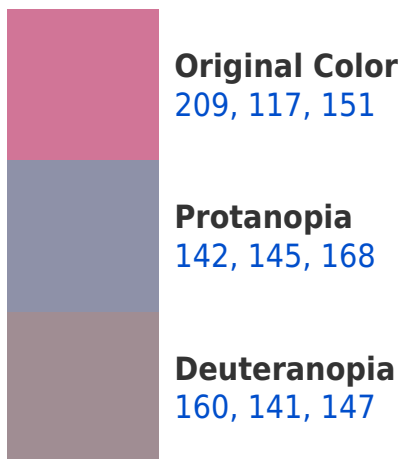


This preview shows how white text looks on a background with the RYB color 209, 117, 151.

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, 121, 130

Trichromacy



Original Color

209, 117, 151



Protanomaly

166, 135, 162



Deuteranomaly

178, 132, 148



Tritanomaly

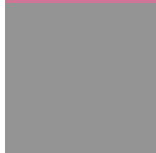
208, 120, 138

Monochromacy



Original Color

209, 117, 151



Achromatopsia

148, 148, 148



Achromatomaly

170, 137, 149

CSS Examples

Text

The CSS property to change the color of the text to RYB 209, 117, 151 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(209, 117, 151) looks like.

```
.text, #text, p{  
    color:rgb(209, 117, 151)  
}
```

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(209, 117, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 117, 151) }
```

Border

The CSS property to change the border of an element to RYB 209, 117, 151 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(209, 117, 151) }
```

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

```
.border{ border-color:rgb(209, 117, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 117, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 117, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 117, 151);  
box-shadow:4px 4px 4px 4px rgb(209, 117,  
151) }
```

Background

The CSS property to change the background color of an element to RGB 209, 117, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 117, 151) }
```

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

```
.background{ background-color: rgb(209,  
117, 151) }
```

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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