

Converting Colors

`RYB(200, 117, 132)`

Have a look what the booklet for
RYB(200, 117, 132) contains.

RYB(200, 117, 132)	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(200, 117, 132)

Conversions

Conversions Part 1

Format	Color
Hex	C87584
RGB	200, 117, 132
RGB Percent	78%, 46%, 52%
CMY	0.2157, 0.5412, 0.4824
CMYK	0.00, 0.42, 0.34, 0.22
HSL	349°, 43%, 62%
HSV	349°, 42%, 78%
XYZ	34.3456, 26.6679, 25.1670
YIQ	143.5270, 44.6530, 22.2610

Conversions

Conversions Part 2

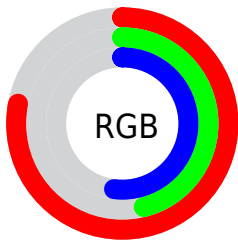
Format	Color
R _Y B	200, 117, 132
Decimal	13137284
CIE Lab	58.67, 34.30, 5.99
CIE LCh	59, 34.820, 9.912
Yxy	26.6679, 0.3985, 0.3094
Android (android.graphics.Color)	4291327364 (0xFFC87584)
YUV	143.5270, -5.6828, 49.5268
Hunter-Lab	51.6410, 28.3458, 7.2539

Details

The RYB color **200, 117, 132** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **117, 163, 200**, and the grayscale version is **144, 144, 144**.

A 20% lighter version of the original color is **255, 170, 185**, and **144, 67, 83** is the 20% darker color. If you saturate the color by 10%, you get **200, 97, 116**, and if you desaturate by 10%, it is **200, 137, 148**.

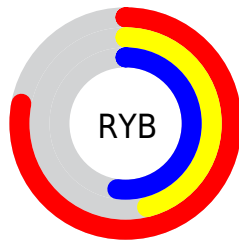
Distribution



Red (78%)

Green (46%)

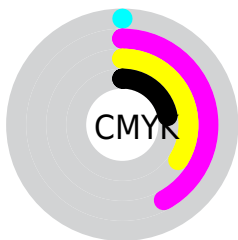
Blue (52%)



Red (78%)

Yellow (46%)

Blue (52%)

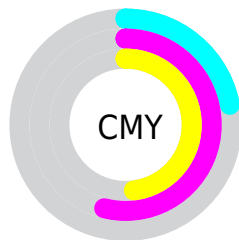


Cyan (0%)

Magenta (42%)

Yellow (34%)

Black (22%)



Cyan (22%)


Magenta (54%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RYB color 200, 117, 132 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, 117, 132 by changing the saturation by 10% instead.


 200, 117, 132


255, 255, 255

 255, 170, 185

 255, 198, 213


 255, 226, 241

 200, 117, 132

 171, 91, 107

 144, 67, 83

 116, 42, 60

 90, 16, 38


 64, 0, 18


 41, 0, 1

 0, 0, 0

 200, 117, 132


 200, 97, 116


 200, 117, 132


 200, 137, 148


 200, 77, 99


 200, 157, 165

 200, 57, 83

 200, 177, 181

 200, 37, 66

 200, 197, 198


 200, 17, 50

 200, 209, 217

 200, 0, 36

 200, 220, 237

 200, 230, 255

 200, 228, 255

Harmonies

Analogous

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



187, 120, 163



200, 117, 132



196, 127, 103

Triad

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



200, 117, 132



93, 151, 126



55, 112, 198

Complementary

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



200, 117, 132



117, 163, 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.



0, 83, 179



200, 117, 132



79, 130, 156

Square

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



200, 117, 132



89, 151, 80



25, 93, 157



113, 134, 201

Rectangle

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



200, 117, 132



185, 158, 89



25, 93, 157



30, 100, 193

Sweetspot

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



200, 117, 132



255, 224, 230



185, 117, 200



128, 110, 113



0, 0, 0



128, 128, 128

Same Dimension

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



200, 117, 132



255, 128, 151



200, 155, 117



99, 90, 91



163, 0, 29



36, 0, 6

Inverse Universe

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



200, 117, 132



255, 128, 151



117, 151, 200



99, 90, 91



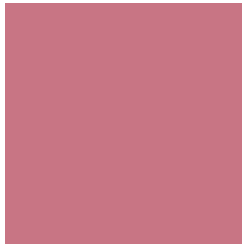
163, 0, 29



36, 0, 6

Previews

White Background



This preview shows how the RYB color 200, 117, 132 looks on a white background.

Color Contrast Check

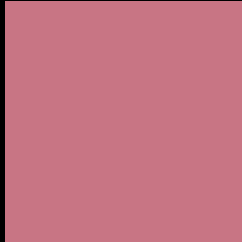
Large Text (above 18pt) WCAG AA ✓ Pass

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, 117, 132 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, 117, 132 Background



This preview shows how black text looks on a background with the RYB color 200, 117, 132.



This preview shows how white text looks on a background with the RYB color 200, 117, 132.

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, 117, 132

Protanopia
143, 141, 145

Deuteranopia
160, 140, 129



Tritanopia
200, 118, 127

Trichromacy



Original Color
200, 117, 132

Protanomaly
164, 132, 140

Deuteranomaly
175, 130, 130

Tritanomaly
200, 118, 129

Monochromacy



Original Color
200, 117, 132

Achromatopsia
144, 144, 144

Achromatomaly
164, 134, 140

CSS Examples

Text

The CSS property to change the color of the text to RYB 200, 117, 132 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, 117, 132) looks like.

```
.text, #text, p{  
    color:rgb(200, 117, 132)  
}
```

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, 117, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 117, 132) }
```

Border

The CSS property to change the border of an element to RYB 200, 117, 132 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, 117, 132) }
```

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

```
.border{ border-color:rgb(200, 117, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 117, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 117, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 117, 132);  
box-shadow:4px 4px 4px 4px rgb(200, 117,  
132) }
```

Background

The CSS property to change the background color of an element to RGB 200, 117, 132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 117, 132) }
```

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

```
.background{ background-color: rgb(200,  
117, 132) }
```

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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