

Converting Colors

`RYB(207, 10, 117)`

Have a look what the booklet for
RYB(207, 10, 117) contains.

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Color

R_YB(207, 10, 117)

Conversions

Conversions Part 1

Format	Color
Hex	CF0A75
RGB	207, 10, 117
RGB Percent	81%, 4%, 46%
CMY	0.1882, 0.9608, 0.5412
CMYK	0.00, 0.95, 0.43, 0.19
HSL	327°, 91%, 43%
HSV	327°, 95%, 81%
XYZ	29.0516, 14.7668, 18.1487
YIQ	81.1010, 83.0650, 75.0410

Conversions

Conversions Part 2

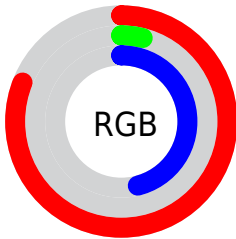
Format	Color
RYB	207, 10, 117
Decimal	13568629
CIELab	45.31, 72.53, -4.36
CIELCh	45, 72.656, 356.564
Yxy	14.7668, 0.4688, 0.2383
Android (android.graphics.Color)	4291758709 (0xFFCF0A75)
YUV	81.1010, 17.6982, 110.4134
Hunter-Lab	38.4276, 67.6988, -1.1023

Details

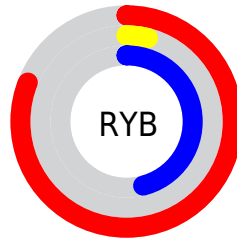
The RYB color **207, 10, 117** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **10, 145, 207**, and the grayscale version is **81, 81, 81**.

A 20% lighter version of the original color is **255, 91, 169**, and **146, 0, 69** is the 20% darker color. If you saturate the color by 10%, you get **207, 0, 112**, and if you desaturate by 10%, it is **207, 31, 126**.

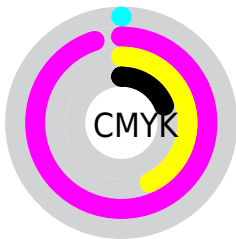
Distribution



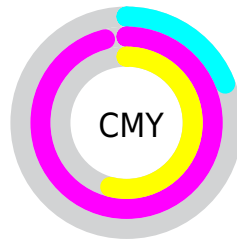
- Red (81%)
- Green (4%)
- Blue (46%)



- Red (81%)
- Yellow (4%)
- Blue (46%)



- Cyan (0%)
- Magenta (95%)
- Yellow (43%)
- Black (19%)



- Cyan (19%)
- Magenta (96%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RYB color 207, 10, 117 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, 10, 117 by changing the saturation by 10% instead.

 207, 10, 117

 207, 10, 117

255, 255, 255

 177, 0, 92

 255, 91, 169

 146, 0, 69

 255, 121, 196

 117, 0, 47

 255, 151, 224

 87, 0, 27

 255, 180, 253

 59, 0, 2

 255, 210, 255

 21, 0, 0

 255, 240, 255

 0, 0, 0

 207, 10, 117

 207, 10, 117


 207, 0, 112


 207, 31, 126


 207, 51, 136


 207, 72, 145


 207, 93, 155

 207, 114, 164

 207, 134, 174

 207, 155, 183

 207, 176, 193

 207, 196, 202

Harmonies

Analogous

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



171, 58, 175



207, 10, 117



207, 34, 57

Triad

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



207, 10, 117



0, 119, 41



0, 80, 209

Complementary

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



207, 10, 117



10, 145, 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.



0, 73, 160



207, 10, 117



0, 102, 128

Square

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



207, 10, 117



45, 137, 0



0, 76, 132



0, 78, 230

Rectangle

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



207, 10, 117



192, 82, 14



0, 76, 132



0, 78, 195

Sweetspot

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



207, 10, 117



255, 181, 221



99, 10, 207



128, 83, 107



0, 0, 0



128, 128, 128

Same Dimension

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



207, 10, 117



255, 0, 139



207, 10, 20



105, 94, 100



168, 0, 91



41, 0, 22

Inverse Universe

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



207, 10, 117



255, 0, 139



10, 111, 207



105, 94, 100



168, 0, 91



41, 0, 22

Previews

White Background



This preview shows how the RYB color 207, 10, 117 looks on a white 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

Black Background



This preview shows how the RYB color 207, 10, 117 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 207, 10, 117 Background



This preview shows how black text looks on a background with the RYB color 207, 10, 117.

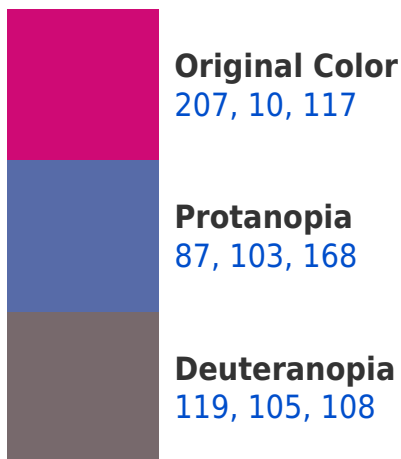


This preview shows how white text looks on a background with the RYB color 207, 10, 117.

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
203, 47, 48

Trichromacy



Original Color

207, 10, 117



Protanomaly

131, 72, 149



Deuteranomaly

151, 70, 111



Tritanomaly

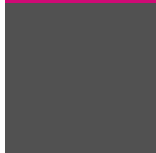
204, 34, 73

Monochromacy



Original Color

207, 10, 117



Achromatopsia

81, 81, 81



Achromatomaly

127, 55, 94

CSS Examples

Text

The CSS property to change the color of the text to RYB 207, 10, 117 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, 10, 117)` looks like.

```
.text, #text, p{  
    color:rgb(207, 10, 117)  
}
```

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, 10, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 10, 117) }
```

Border

The CSS property to change the border of an element to RYB 207, 10, 117 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, 10, 117) }
```

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

```
.border{ border-color:rgb(207, 10, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 10, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 10, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 10, 117);  
box-shadow:4px 4px 4px 4px rgb(207, 10,  
117) }
```

Background

The CSS property to change the background color of an element to RGB 207, 10, 117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 10, 117) }
```

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

```
.background{ background-color: rgb(207, 10,  
117) }
```

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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