

Converting Colors

RGB(190, 17, 104)

Have a look what the booklet for
RGB(190, 17, 104) contains.

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Color

RGB(190, 17, 104)

Conversions

Conversions Part 1

Format	Color
Hex	BE1168
RGB	190, 17, 104
RGB Percent	75%, 7%, 41%
CMY	0.2549, 0.9333, 0.5922
CMYK	0.00, 0.91, 0.45, 0.25
HSL	330°, 84%, 41%
HSV	330°, 91%, 75%
XYZ	23.9343, 12.3475, 14.2185
YIQ	78.6450, 75.1810, 63.7330

Conversions

Conversions Part 2

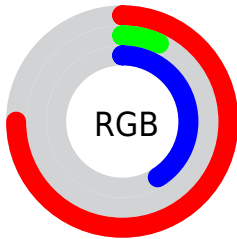
Format	Color
R_{YB}	190, 17, 104
Decimal	12456296
CIE Lab	41.76, 66.76, -1.88
CIE LCh	42, 66.788, 358.390
Yxy	12.3475, 0.4739, 0.2445
Android (android.graphics.Color)	4290646376 (0xFFBE1168)
YUV	78.6450, 12.5000, 97.6583
Hunter-Lab	35.1390, 60.0888, 0.6064

Details

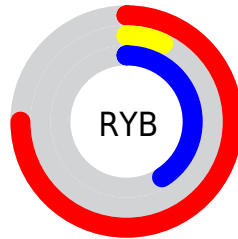
The RGB color **190, 17, 104** is a dark color, and the websafe version is hex **CC0066**. A complement of this color would be **17, 190, 103**, and the grayscale version is **78, 78, 78**.

A 20% lighter version of the original color is **251, 89, 155**, and **130, 0, 57** is the 20% darker color. If you saturate the color by 10%, you get **190, 0, 96**, and if you desaturate by 10%, it is **190, 36, 113**.

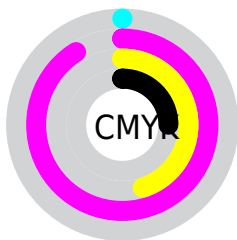
Distribution



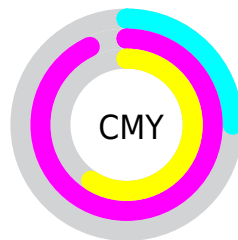
- Red (75%)
- Green (7%)
- Blue (41%)



- Red (75%)
- Yellow (7%)
- Blue (41%)



- Cyan (0%)
- Magenta (91%)
- Yellow (45%)
- Black (25%)





- Cyan (25%)
- Magenta (93%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RGB color 190, 17, 104 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 RGB color 190, 17, 104 by changing the saturation by 10% instead.

 190, 17, 104

 190, 17, 104

255, 255, 255

 160, 0, 80

 251, 89, 155

 130, 0, 57

 255, 119, 182

 101, 0, 36

 255, 147, 209

 74, 0, 14


 255, 176, 237

 44, 0, 1

 255, 206, 255

 0, 0, 0


 255, 235, 255


 190, 17, 104


 190, 17, 104


 190, 0, 96


 190, 36, 113


 190, 55, 123


 190, 74, 132


 190, 93, 142

 190, 112, 151

 190, 131, 161

 190, 150, 170

 190, 169, 180

 190, 188, 189

Harmonies

Analogous

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



160, 52, 157



190, 17, 104



189, 37, 50

Triad

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



190, 17, 104



68, 110, 0



0, 118, 192

Complementary

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



190, 17, 104



17, 190, 103

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, 122, 150



190, 17, 104



0, 118, 35

Square

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



190, 17, 104



123, 95, 0



0, 121, 94



0, 107, 210

Rectangle

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



190, 17, 104



174, 61, 10



0, 121, 94



0, 120, 181

Sweetspot

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



190, 17, 104



247, 181, 214



101, 17, 190



125, 85, 105



252, 252, 252



125, 125, 125

Same Dimension

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



190, 17, 104



247, 0, 124



190, 17, 20



94, 85, 90



158, 0, 80



31, 0, 15

Inverse Universe

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



190, 17, 104



247, 0, 124



17, 190, 187



94, 85, 90



158, 0, 80



31, 0, 15

Previews

White Background



This preview shows how the RGB color 190, 17, 104 looks on a white background.

Color Contrast Check

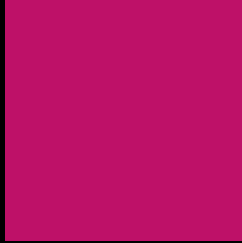
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 190, 17, 104 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](#).

RGB 190, 17, 104 Background



This preview shows how black text looks on a background with the RGB color 190, 17, 104.



This preview shows how white text looks on a background with the RGB color 190, 17, 104.

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
190, 17, 104

Protanopia
84, 99, 148

Deuteranopia
111, 97, 96



Tritanopia
187, 43, 44

Trichromacy



Original Color

190, 17, 104

Protanomaly

123, 69, 132

Deuteranomaly

140, 68, 99

Tritanomaly

188, 34, 66

Monochromacy



Original Color

190, 17, 104

Achromatopsia

79, 79, 79

Achromatomaly

119, 56, 88

CSS Examples

Text

The CSS property to change the color of the text to RGB 190, 17, 104 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(190, 17, 104) looks like.

```
.text, #text, p{  
    color:rgb(190, 17, 104)  
}
```

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(190, 17, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 17, 104) }
```

Border

The CSS property to change the border of an element to RGB 190, 17, 104 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(190, 17, 104) }
```

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

```
.border{ border-color:rgb(190, 17, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 17, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 17, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 17, 104);  
box-shadow:4px 4px 4px 4px rgb(190, 17,  
104) }
```

Background

The CSS property to change the background color of an element to RGB 190, 17, 104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 17, 104) }
```

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

```
.background{ background-color: rgb(190, 17,  
104) }
```

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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