

Converting Colors

RGB(177, 0, 114)

Have a look what the booklet for
RGB(177, 0, 114) contains.

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Color

RGB(177, 0, 114)

Conversions

Conversions Part 1

Format	Color
Hex	B10072
RGB	177, 0, 114
RGB Percent	69%, 0%, 45%
CMY	0.3059, 1.0000, 0.5529
CMYK	0.00, 1.00, 0.36, 0.31
HSL	321°, 100%, 35%
HSV	321°, 100%, 69%
XYZ	21.1687, 10.5620, 16.8425
YIQ	65.9190, 68.8980, 72.9780

Conversions

Conversions Part 2

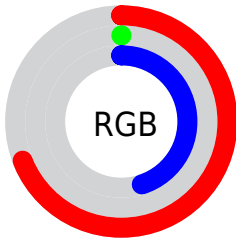
Format	Color
RYB	177, 0, 114
Decimal	11599986
CIELab	38.83, 66.73, -12.82
CIElCh	39, 67.951, 349.124
Yxy	10.5620, 0.4358, 0.2174
Android (android.graphics.Color)	4289790066 (0xFFB10072)
YUV	65.9190, 23.7039, 97.4180
Hunter-Lab	32.4993, 59.3941, -7.9772

Details

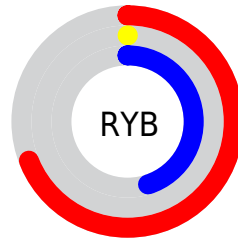
The RGB color **177, 0, 114** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **0, 177, 63**, and the grayscale version is **66, 66, 66**.

A 20% lighter version of the original color is **237, 82, 166**, and **119, 0, 66** is the 20% darker color. If you saturate the color by 10%, you get **177, 0, 114**, and if you desaturate by 10%, it is **177, 18, 120**.

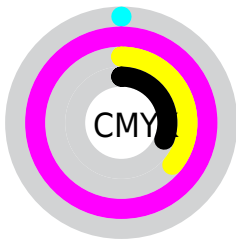
Distribution



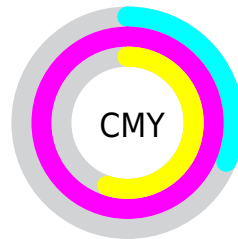
- Red (69%)
- Green (0%)
- Blue (45%)



- Red (69%)
- Yellow (0%)
- Blue (45%)



- Cyan (0%)
- Magenta (100%)
- Yellow (36%)
- Black (31%)



- Cyan (31%)
- Magenta (100%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RGB color 177, 0, 114 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 177, 0, 114 by changing the saturation by 10% instead.



177, 0, 114



177, 0, 114

255, 255, 255



148, 0, 89



237, 82, 166



119, 0, 66



255, 112, 193



90, 0, 44



255, 140, 221



64, 0, 24



255, 169, 250



32, 0, 1



255, 198, 255



0, 0, 0



255, 228, 255



177, 0, 114



177, 18, 120

■ 177, 35, 127

■ 177, 53, 133

■ 177, 71, 139

■ 177, 89, 146

■ 177, 106, 152

■ 177, 124, 158

■ 177, 142, 164

■ 177, 159, 171

Harmonies

Analogous

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



135, 55, 165



177, 0, 114



184, 1, 59

Triad

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



177, 0, 114



79, 99, 0



0, 113, 175

Complementary

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



177, 0, 114



0, 177, 63

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, 114, 126



177, 0, 114



0, 109, 0

Square

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



177, 0, 114



129, 82, 0



0, 113, 69



0, 104, 201

Rectangle

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



177, 0, 114



174, 40, 23



0, 113, 69



0, 114, 161

Sweetspot

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



177, 0, 114



230, 161, 205



62, 0, 177



115, 73, 100



242, 242, 242



115, 115, 115

Same Dimension

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



177, 0, 114



230, 0, 148



177, 0, 27



89, 80, 86



153, 0, 99



26, 0, 16

Inverse Universe

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



177, 0, 114



230, 0, 148



0, 177, 150



89, 80, 86



153, 0, 99



26, 0, 16

Previews

White Background



This preview shows how the RGB color 177, 0, 114 looks on a white background.

Color Contrast Check

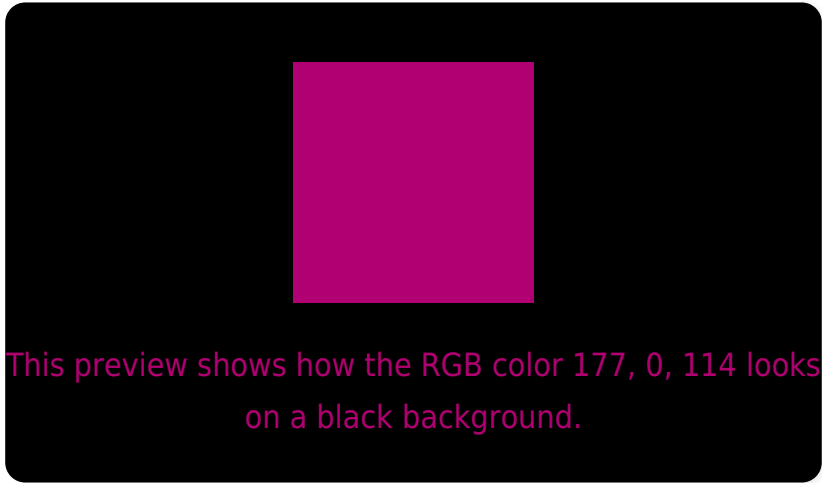
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 177, 0, 114 Background



This preview shows how black text looks on a background with the RGB color 177, 0, 114.



This preview shows how white text looks on a background with the RGB color 177, 0, 114.

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

177, 0, 114

Protanopia

63, 92, 163

Deuteranopia

98, 92, 106



Tritanopia
173, 45, 47

Trichromacy



Original Color

177, 0, 114



Protanomaly

104, 59, 145



Deuteranomaly

127, 59, 109



Tritanomaly

174, 29, 71

Monochromacy



Original Color

177, 0, 114



Achromatopsia

66, 66, 66



Achromatomaly

106, 42, 83

CSS Examples

Text

The CSS property to change the color of the text to RGB 177, 0, 114 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(177, 0, 114)` looks like.

```
.text, #text, p{  
    color:rgb(177, 0, 114)  
}
```

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(177, 0, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 0, 114) }
```

Border

The CSS property to change the border of an element to RGB 177, 0, 114 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(177, 0, 114) }
```

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

```
.border{ border-color:rgb(177, 0, 114) }
```

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

Here you see how a box with a 4 pixel rgb(177, 0, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 0, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 0, 114);  
box-shadow:4px 4px 4px 4px rgb(177, 0,  
114) }
```

Background

The CSS property to change the background color of an element to RGB 177, 0, 114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 0, 114) }
```

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

```
.background{ background-color: rgb(177, 0,  
114) }
```

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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