Converting Colors

RGB(177, 37, 142)

Have a look what the booklet for RGB(177, 37, 142) contains.

Color

RGB(177, 37, 142)

Conversions

Format	Color
Hex	B1258E
RGB	177, 37, 142
RGB Percent	69%, 15%, 56%
CMY	0.3059, 0.8549, 0.4431
CMYK	0.00, 0.79, 0.20, 0.31
HSL	315°, 65%, 42%
HSV	315°, 79%, 69%
XYZ	23.6755, 12.6232, 26.7799
YIQ	90.8300, 49.7350, 62.3350

Conversions Part 1

Conversions

Conversions Part 2

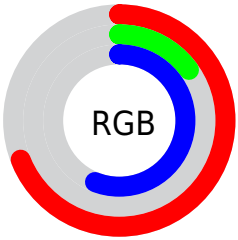
Format	Color
RYB	177, 37, 142
Decimal	11609486
CIELab	42.19, 63.78, -24.98
CIELCh	42, 68.497, 338.611
Yxy	12.6232, 0.3753, 0.2001
Android (android.graphics.Color)	4289799566 (0xFFB1258E)
YUV	90.8300, 25.2268, 75.5711
Hunter-Lab	35.5292, 56.7705, -19.8190

Details

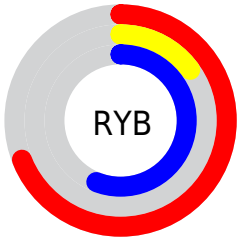
The RGB color 177, 37, 142 is a dark color, and the websafe version is hex CC3399. A complement of this color would be 37, 177, 72, and the grayscale version is 91, 91, 91.

A 20% lighter version of the original color is 236, 98, 196, and 120, 0, 91 is the 20% darker color. If you saturate the color by 10%, you get 177, 19, 138, and if you desaturate by 10%, it is 177, 55, 146.

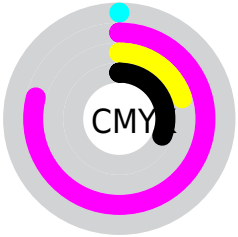
Distribution



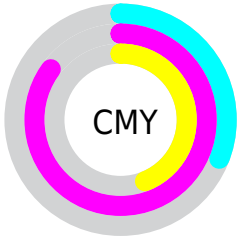
- Red (69%)
- Green (15%)
- Blue (56%)



- Red (69%)
- Yellow (15%)
- Blue (56%)



- Cyan (0%)
- Magenta (79%)
- Yellow (20%)
- Black (31%)



- Cyan (31%)
- Magenta (85%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RGB color 177, 37, 142 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, 37, 142 by changing the saturation by 10% instead.

177, 37, 142	177, 37, 142
255, 255, 255	148, 0, 116
236, 98, 196	120, 0, 91
255, 127, 224	92, 0, 68
255, 155, 253	66, 0, 45
255, 184, 255	38, 0, 24
255, 213, 255	0, 0, 0
255, 242, 255	

177, 37, 142	177, 37, 142
177, 19, 138	177, 55, 146

177, 2, 133

177, 0, 133

177, 72, 151

177, 90, 155

177, 108, 160

177, 126, 164

177, 143, 169

177, 161, 173

177, 179, 177

177, 196, 182

Harmonies

Analogous

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

118, 75, 189

177, 37, 142

196, 9, 86

Triad

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

177, 37, 142

107, 103, 0

0, 123, 169

Complementary

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

177, 37, 142

37, 177, 72

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, 123, 115

177, 37, 142

40, 115, 0

Square

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

177, 37, 142

153, 81, 0

0, 121, 55

0, 117, 206

Rectangle

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

177, 37, 142

192, 35, 49

0, 121, 55

0, 123, 153

Sweetspot

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

177, 37, 142

230, 174, 216

72, 37, 177

115, 81, 106

242, 242, 242

115, 115, 115

Same Dimension

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

177, 37, 142

230, 11, 175

177, 37, 72

89, 80, 87

153, 0, 115

26, 0, 19

Inverse Universe

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

177, 37, 142

230, 11, 175

37, 177, 142

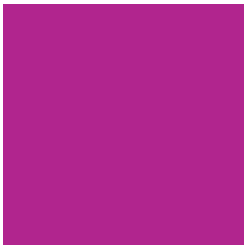
89, 80, 87

153, 0, 115

26, 0, 19

Previews

White Background

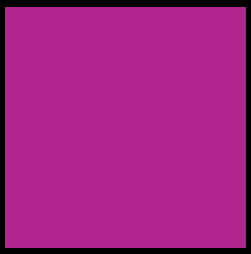


This preview shows how the RGB color 177, 37, 142 looks on a white background.

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



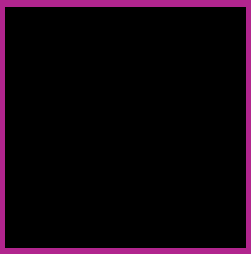
This preview shows how the RGB color 177, 37, 142 looks on a black background.

Color Contrast Check

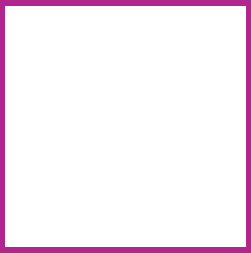
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 177, 37, 142 Background



This preview shows how black text looks on a background with the RGB color 177, 37, 142.



This preview shows how white text looks on a background with the RGB color 177, 37, 142.

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, 37, 142

Protanopia
50, 98, 191

Deuteranopia
92, 99, 134

Tritanopia
171, 64, 68

Trichromacy

Original Color
177, 37, 142

Protanomaly
96, 76, 173

Deuteranomaly
123, 76, 137

Tritanomaly
173, 54, 95

Monochromacy

Original Color
177, 37, 142

Achromatopsia
91, 91, 91

Achromatomaly
122, 71, 110

CSS Examples

Text

The CSS property to change the color of the text to RGB 177, 37, 142 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, 37, 142) looks like.

```
.text, #text, p{
    color:rgb(177, 37, 142)
}
```

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, 37, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 37, 142) }
```

Border

The CSS property to change the border of an element to RGB 177, 37, 142 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, 37, 142) }
```

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

```
.border{ border-color:rgb(177, 37, 142) }
```

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

Here you see how a box with a 4 pixel rgb(177, 37, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 37, 142); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 37, 142); box-shadow:4px 4px 4px 4px rgb(177, 37, 142) }
```

Background

The CSS property to change the background color of an element to RGB 177, 37, 142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(177, 37, 142) }
```

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

```
.background{ background-color:rgb(177, 37,
142) }
```

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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