

Converting Colors

RGB(177, 45, 112)

Have a look what the booklet for
RGB(177, 45, 112) contains.

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Color

RGB(177, 45, 112)

Conversions

Conversions Part 1

Format	Color
Hex	B12D70
RGB	177, 45, 112
RGB Percent	69%, 18%, 44%
CMY	0.3059, 0.8235, 0.5608
CMYK	0.00, 0.75, 0.37, 0.31
HSL	330°, 59%, 44%
HSV	330°, 75%, 69%
XYZ	21.9945, 12.3937, 16.5622
YIQ	92.1060, 57.1650, 48.8210

Conversions

Conversions Part 2

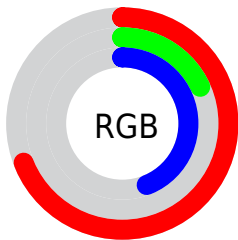
Format	Color
RYB	177, 45, 112
Decimal	11611504
CIELab	41.84, 57.68, -7.05
CIELCh	42, 58.109, 353.035
Yxy	12.3937, 0.4317, 0.2433
Android (android.graphics.Color)	4289801584 (0xFFB12D70)
YUV	92.1060, 9.8077, 74.4520
Hunter-Lab	35.2047, 49.9112, -3.2499

Details

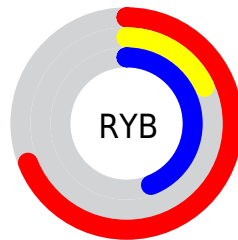
The RGB color **177, 45, 112** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **45, 177, 110**, and the grayscale version is **92, 92, 92**.

A 20% lighter version of the original color is **236, 103, 164**, and **120, 0, 64** is the 20% darker color. If you saturate the color by 10%, you get **177, 27, 103**, and if you desaturate by 10%, it is **177, 63, 121**.

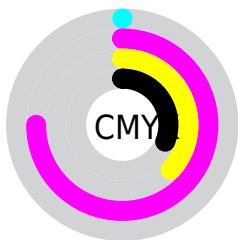
Distribution



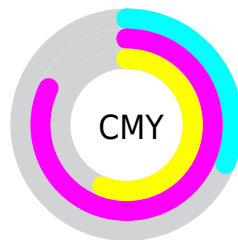
- Red (69%)
- Green (18%)
- Blue (44%)



- Red (69%)
- Yellow (18%)
- Blue (44%)



- Cyan (0%)
- Magenta (75%)
- Yellow (37%)
- Black (31%)



- Cyan (31%)
- Magenta (82%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RGB color 177, 45, 112 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, 45, 112 by changing the saturation by 10% instead.



177, 45, 112



177, 45, 112

255, 255, 255



148, 1, 88



236, 103, 164



120, 0, 64



255, 130, 191



91, 0, 42



255, 159, 219



65, 0, 22



255, 187, 247



36, 0, 1



255, 216, 255



0, 0, 0



255, 245, 255



177, 45, 112



177, 45, 112



177, 27, 103



177, 63, 121

■ 177, 10, 95

■ 177, 80, 129

■ 177, 0, 90

■ 177, 98, 138

■ 177, 116, 147

■ 177, 134, 156

■ 177, 151, 164

■ 177, 169, 173

■ 177, 187, 182

■ 177, 204, 190

Harmonies

Analogous

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



144, 67, 157



177, 45, 112



181, 49, 65

Triad

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



177, 45, 112



84, 107, 0



0, 117, 175

Complementary

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



177, 45, 112



45, 177, 110

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, 120, 135



177, 45, 112



0, 115, 36

Square

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



177, 45, 112



129, 93, 0



0, 119, 86



0, 108, 194

Rectangle

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



177, 45, 112



171, 64, 35



0, 119, 86



0, 118, 163

Sweetspot

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



177, 45, 112



230, 179, 205



109, 45, 177



115, 85, 100



242, 242, 242



115, 115, 115

Same Dimension

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



177, 45, 112



230, 25, 129



177, 45, 47



89, 80, 85



153, 0, 78



26, 0, 13

Inverse Universe

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



177, 45, 112



230, 25, 129



45, 177, 175



89, 80, 85



153, 0, 78



26, 0, 13

Previews

White Background



This preview shows how the RGB color 177, 45, 112 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, 45, 112 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, 45, 112 Background



This preview shows how black text looks on a background with the RGB color 177, 45, 112.



This preview shows how white text looks on a background with the RGB color 177, 45, 112.

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, 45, 112

Protanopia
83, 98, 147

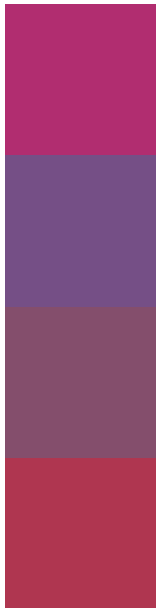
Deuteranopia
107, 97, 105



Tritanopia

174, 59, 62

Trichromacy



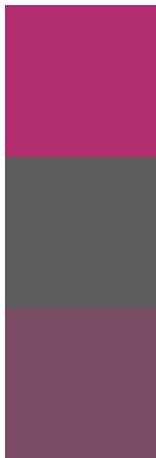
Original Color
177, 45, 112

Protanomaly
117, 79, 134

Deuteranomaly
132, 78, 108

Tritanomaly
175, 54, 80

Monochromacy



Original Color
177, 45, 112

Achromatopsia
92, 92, 92

Achromatomaly
123, 75, 99

CSS Examples

Text

The CSS property to change the color of the text to RGB 177, 45, 112 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, 45, 112)` looks like.

```
.text, #text, p{  
    color:rgb(177, 45, 112)  
}
```

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, 45, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 45, 112) }
```

Border

The CSS property to change the border of an element to RGB 177, 45, 112 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, 45, 112) }
```

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

```
.border{ border-color:rgb(177, 45, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 45, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 45, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 45, 112);  
box-shadow:4px 4px 4px 4px rgb(177, 45,  
112) }
```

Background

The CSS property to change the background color of an element to RGB 177, 45, 112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 45, 112) }
```

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

```
.background{ background-color: rgb(177, 45,  
112) }
```

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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