

Converting Colors

RGB(165, 17, 170)

Have a look what the booklet for
RGB(165, 17, 170) contains.

RGB(165, 17, 170)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(165, 17, 170)

Conversions

Conversions Part 1

Format	Color
Hex	A511AA
RGB	165, 17, 170
RGB Percent	65%, 7%, 67%
CMY	0.3529, 0.9333, 0.3333
CMYK	0.03, 0.90, 0.00, 0.33
HSL	298°, 82%, 37%
HSV	298°, 90%, 67%
XYZ	22.9732, 11.3025, 39.0010
YIQ	78.6940, 39.0950, 78.9590

Conversions

Conversions Part 2

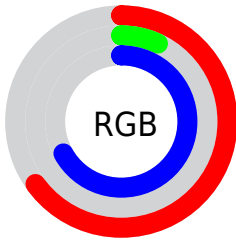
Format	Color
RYB	165, 17, 170
Decimal	10817962
CIELab	40.09, 69.71, -45.34
CIElCh	40, 83.156, 326.960
Yxy	11.3025, 0.3135, 0.1542
Android (android.graphics.Color)	4289008042 (0xFFA511AA)
YUV	78.6940, 45.0139, 75.6904
Hunter-Lab	33.6192, 63.1418, -45.2477

Details

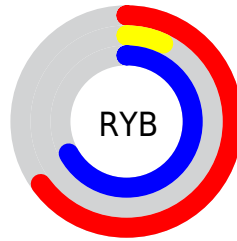
The RGB color **165, 17, 170** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **22, 170, 17**, and the grayscale version is **78, 78, 78**.

A 20% lighter version of the original color is **224, 88, 226**, and **108, 0, 117** is the 20% darker color. If you saturate the color by 10%, you get **164, 0, 170**, and if you desaturate by 10%, it is **166, 34, 170**.

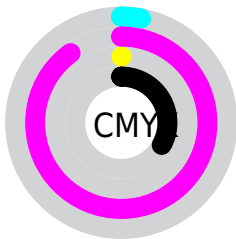
Distribution



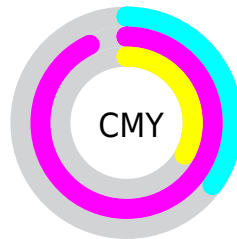
- Red (65%)
- Green (7%)
- Blue (67%)



- Red (65%)
- Yellow (7%)
- Blue (67%)



- Cyan (3%)
- Magenta (90%)
- Yellow (0%)
- Black (33%)




- Cyan (35%)
- Magenta (93%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the RGB color 165, 17, 170 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 165, 17, 170 by changing the saturation by 10% instead.

 165, 17, 170

255, 255, 255

 224, 88, 226


 254, 117, 255

 255, 145, 255

 255, 174, 255


 255, 203, 255

 255, 233, 255

 165, 17, 170

 136, 0, 143

 108, 0, 117


 81, 0, 92

 56, 0, 68


 25, 0, 44

 0, 1, 22

 0, 0, 0

 165, 17, 170

 164, 0, 170


 165, 17, 170


 166, 34, 170

 166, 51, 170


 167, 68, 170


 167, 85, 170

 168, 102, 170

 168, 119, 170

 169, 136, 170

 169, 153, 170

 170, 170, 170

Harmonies

Analogous

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



45, 80, 218



165, 17, 170



203, 0, 105

Triad

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



165, 17, 170



122, 90, 0



0, 121, 155

Complementary

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



165, 17, 170



22, 170, 17

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, 85



165, 17, 170



53, 108, 0

Square

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



165, 17, 170



171, 55, 0



0, 116, 0



0, 118, 210

Rectangle

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



165, 17, 170



206, 0, 60



0, 116, 0



0, 121, 133

Sweetspot

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



165, 17, 170



220, 162, 222



17, 22, 170



111, 76, 112



240, 240, 240



112, 112, 112

Same Dimension

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



165, 17, 170



215, 0, 222



170, 17, 99



84, 76, 84



143, 0, 148



20, 0, 20

Inverse Universe

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



170, 17, 22



222, 0, 7



17, 170, 88



84, 76, 76



148, 0, 5



20, 0, 1

Previews

White Background



This preview shows how the RGB color 165, 17, 170 looks on a white background.

Color Contrast Check

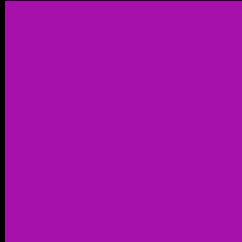
Large Text (above 18pt) WCAG AA ✓ Pass

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 165, 17, 170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

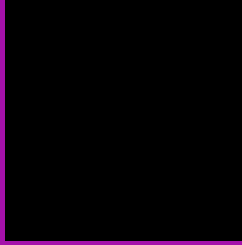
Any Text WCAG AA × Fail

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 165, 17, 170 Background



This preview shows how black text looks on a background with the RGB color 165, 17, 170.

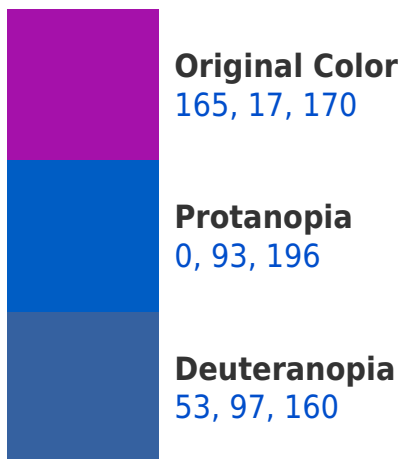


This preview shows how white text looks on a background with the RGB color 165, 17, 170.

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

154, 68, 73

Trichromacy



Original Color

165, 17, 170



Protanomaly

60, 65, 187



Deuteranomaly

94, 68, 164



Tritanomaly

158, 49, 108

Monochromacy



Original Color

165, 17, 170



Achromatopsia

79, 79, 79



Achromatomaly

110, 56, 112

CSS Examples

Text

The CSS property to change the color of the text to RGB 165, 17, 170 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(165, 17, 170)` looks like.

```
.text, #text, p{  
    color:rgb(165, 17, 170)  
}
```

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(165, 17, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 17, 170) }
```

Border

The CSS property to change the border of an element to RGB 165, 17, 170 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(165, 17, 170) }
```

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

```
.border{ border-color:rgb(165, 17, 170) }
```

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

Here you see how a box with a 4 pixel rgb(165, 17, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 17, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 17, 170);  
box-shadow:4px 4px 4px 4px rgb(165, 17,  
170) }
```

Background

The CSS property to change the background color of an element to RGB 165, 17, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 17, 170) }
```

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

```
.background{ background-color: rgb(165, 17,  
170) }
```

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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