

Converting Colors

RGB(175, 36, 134)

Have a look what the booklet for
RGB(175, 36, 134) contains.

RGB(175, 36, 134)	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(175, 36, 134)

Conversions

Conversions Part 1

Format	Color
Hex	AF2486
RGB	175, 36, 134
RGB Percent	69%, 14%, 53%
CMY	0.3137, 0.8588, 0.4745
CMYK	0.00, 0.79, 0.23, 0.31
HSL	318°, 66%, 41%
HSV	318°, 79%, 69%
XYZ	22.6131, 12.0969, 23.6974
YIQ	88.7330, 51.3860, 59.9460

Conversions

Conversions Part 2

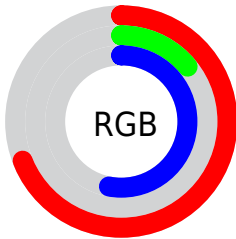
Format	Color
R_{YB}	175, 36, 134
Decimal	11478150
CIE _{Lab}	41.37, 62.54, -21.39
CIE _{LCh}	41, 66.094, 341.118
Yxy	12.0969, 0.3872, 0.2071
Android (android.graphics.Color)	4289668230 (0xFFAF2486)
YUV	88.7330, 22.3166, 75.6562
Hunter-Lab	34.7807, 55.1882, -16.0500

Details

The RGB color **175, 36, 134** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **36, 175, 77**, and the grayscale version is **88, 88, 88**.

A 20% lighter version of the original color is **234, 97, 187**, and **118, 0, 84** is the 20% darker color. If you saturate the color by 10%, you get **175, 18, 129**, and if you desaturate by 10%, it is **175, 54, 139**.

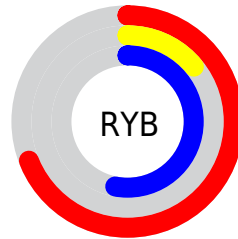
Distribution



Red (69%)

Green (14%)

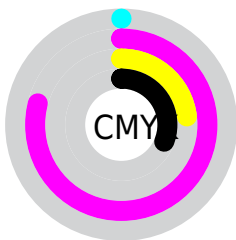
Blue (53%)



Red (69%)

Yellow (14%)

Blue (53%)

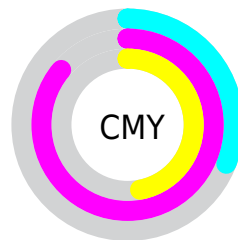


Cyan (0%)

Magenta (79%)

Yellow (23%)

Black (31%)



Cyan (31%)


Magenta (86%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RGB color 175, 36, 134 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 175, 36, 134 by changing the saturation by 10% instead.

 175, 36, 134

 175, 36, 134

255, 255, 255

 146, 0, 109

 234, 97, 187

 118, 0, 84

 255, 125, 215

 90, 0, 61

 255, 154, 244

 65, 0, 39


 255, 182, 255

 36, 0, 16


 255, 211, 255

 0, 0, 0

 255, 241, 255

 175, 36, 134

 175, 36, 134

 175, 18, 129

 175, 54, 139

■ 175, 1, 124

■ 175, 71, 144

■ 175, 0, 123

■ 175, 89, 149

■ 175, 106, 155

■ 175, 124, 160

■ 175, 141, 165

■ 175, 159, 170

■ 175, 176, 175

■ 175, 194, 180

Harmonies

Analogous

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



123, 72, 180



175, 36, 134



191, 19, 80

Triad

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



175, 36, 134



101, 102, 0



0, 120, 168

Complementary

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



175, 36, 134



36, 175, 77

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, 121, 117



175, 36, 134



32, 113, 0

Square

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



175, 36, 134



146, 82, 0



0, 119, 60



0, 113, 201

Rectangle

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



175, 36, 134



185, 41, 45



0, 119, 60



0, 120, 153

Sweetspot

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



175, 36, 134



227, 172, 211



75, 36, 175



115, 81, 105



242, 242, 242



115, 115, 115

Same Dimension

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



175, 36, 134



227, 11, 163



175, 36, 66



87, 78, 84



150, 0, 106



23, 0, 16

Inverse Universe

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



175, 36, 134



227, 11, 163



36, 175, 145



87, 78, 84



150, 0, 106



23, 0, 16

Previews

White Background



This preview shows how the RGB color 175, 36, 134 looks on a white background.

Color Contrast Check

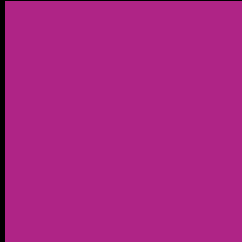
Large Text (above 18pt) WCAG AA ✓ Pass

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 175, 36, 134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

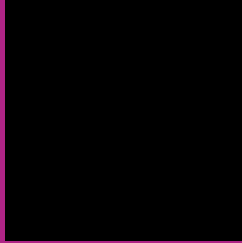
Any Text WCAG AA × Fail

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 175, 36, 134 Background



This preview shows how black text looks on a background with the RGB color 175, 36, 134.

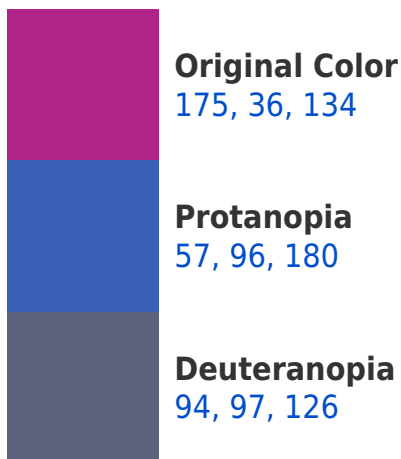


This preview shows how white text looks on a background with the RGB color 175, 36, 134.

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
169, 61, 64

Trichromacy



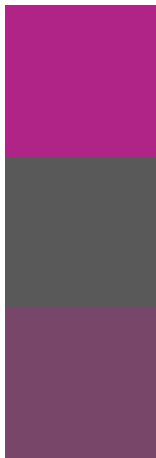
Original Color
175, 36, 134

Protanomaly
100, 74, 163

Deuteranomaly
123, 75, 129

Tritanomaly
171, 52, 89

Monochromacy



Original Color
175, 36, 134

Achromatopsia
89, 89, 89

Achromatomaly
120, 70, 105

CSS Examples

Text

The CSS property to change the color of the text to RGB 175, 36, 134 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(175, 36, 134) looks like.

```
.text, #text, p{  
    color:rgb(175, 36, 134)  
}
```

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(175, 36, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 36, 134) }
```

Border

The CSS property to change the border of an element to RGB 175, 36, 134 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(175, 36, 134) }
```

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

```
.border{ border-color:rgb(175, 36, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 36, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 36, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 36, 134);  
box-shadow:4px 4px 4px 4px rgb(175, 36,  
134) }
```

Background

The CSS property to change the background color of an element to RGB 175, 36, 134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 36, 134) }
```

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

```
.background{ background-color: rgb(175, 36,  
134) }
```

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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