

Converting Colors

RGB(175, 137, 199)

Have a look what the booklet for
RGB(175, 137, 199) contains.

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Color

RGB(175, 137, 199)

Conversions

Conversions Part 1

Format	Color
Hex	AF89C7
RGB	175, 137, 199
RGB Percent	69%, 54%, 78%
CMY	0.3137, 0.4627, 0.2196
CMYK	0.12, 0.31, 0.00, 0.22
HSL	277°, 36%, 66%
HSV	277°, 31%, 78%
XYZ	36.9337, 31.1288, 58.0947
YIQ	155.4300, 2.7460, 27.3380

Conversions

Conversions Part 2

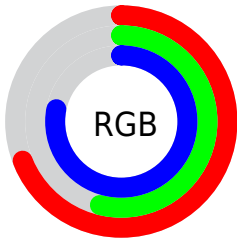
Format	Color
RYB	175, 137, 199
Decimal	11504071
CIELab	62.62, 26.00, -26.67
CIELCh	63, 37.246, 314.274
Yxy	31.1288, 0.2928, 0.2467
Android (android.graphics.Color)	4289694151 (0xFFAF89C7)
YUV	155.4300, 21.4800, 17.1629
Hunter-Lab	55.7932, 20.5243, -22.6805

Details

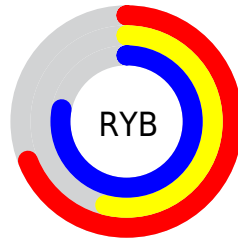
The RGB color **175, 137, 199** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **161, 199, 137**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **231, 191, 255**, and **122, 87, 145** is the 20% darker color. If you saturate the color by 10%, you get **167, 117, 199**, and if you desaturate by 10%, it is **183, 157, 199**.

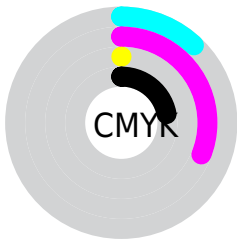
Distribution



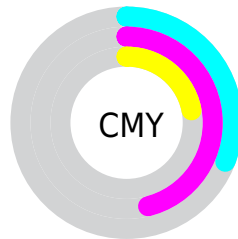
- Red (69%)
- Green (54%)
- Blue (78%)



- Red (69%)
- Yellow (54%)
- Blue (78%)



- Cyan (12%)
- Magenta (31%)
- Yellow (0%)
- Black (22%)



- Cyan (31%)
- Magenta (46%)
- Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the RGB color 175, 137, 199 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, 137, 199 by changing the saturation by 10% instead.

 175, 137, 199

255, 255, 255

 231, 191, 255

 255, 219, 255


 255, 247, 255

 175, 137, 199

 148, 111, 172


 122, 87, 145

 96, 63, 119

 71, 40, 94

 48, 18, 70


 28, 0, 48

 0, 1, 26


 0, 0, 0


 175, 137, 199


 175, 137, 199

 167, 117, 199


 183, 157, 199

 160, 97, 199

 190, 177, 199

 152, 77, 199


 198, 197, 199

 144, 57, 199

 206, 217, 199

 136, 38, 199

 214, 237, 199

 129, 18, 199

 221, 255, 199

 122, 0, 199

 229, 255, 199

 237, 255, 199

 244, 255, 199

Harmonies

Analogous

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



128, 149, 215



175, 137, 199



205, 127, 170

Triad

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



175, 137, 199



188, 143, 88



0, 169, 167

Complementary

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



175, 137, 199



161, 199, 137

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.



76, 168, 132



175, 137, 199



157, 155, 86

Square

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



175, 137, 199



209, 132, 107



120, 163, 103



0, 166, 197

Rectangle

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



175, 137, 199



214, 125, 148



120, 163, 103



37, 169, 155

Sweetspot

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



175, 137, 199



246, 232, 255



137, 162, 199



122, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



175, 137, 199



218, 161, 255



199, 137, 193



96, 90, 99



100, 0, 163



22, 0, 36

Inverse Universe

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



199, 137, 161



255, 161, 197



137, 199, 143



99, 90, 93



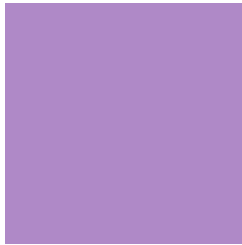
163, 0, 63



36, 0, 14

Previews

White Background



This preview shows how the RGB color 175, 137, 199 looks on a white background.

Color Contrast Check

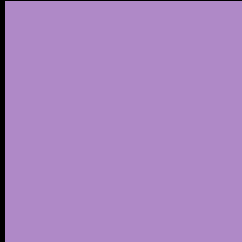
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 175, 137, 199 looks on a black 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 175, 137, 199 Background



This preview shows how black text looks on a background with the RGB color 175, 137, 199.

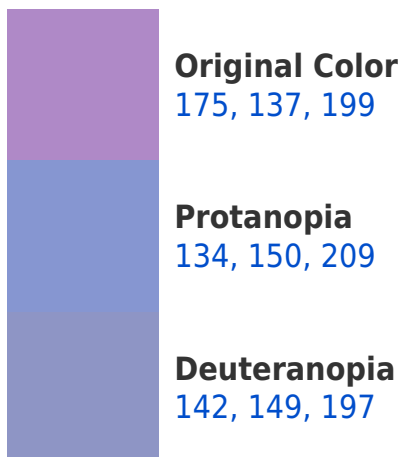


This preview shows how white text looks on a background with the RGB color 175, 137, 199.

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
168, 145, 157

Trichromacy



Original Color
175, 137, 199

Protanomaly
149, 145, 205

Deuteranomaly
154, 145, 198

Tritanomaly
171, 142, 172

Monochromacy



Original Color
175, 137, 199

Achromatopsia
155, 155, 155

Achromatomaly
162, 148, 171

CSS Examples

Text

The CSS property to change the color of the text to RGB 175, 137, 199 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, 137, 199)` looks like.

```
.text, #text, p{  
    color:rgb(175, 137, 199)  
}
```

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, 137, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 137, 199) }
```

Border

The CSS property to change the border of an element to RGB 175, 137, 199 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, 137, 199) }
```

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

```
.border{ border-color:rgb(175, 137, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 137, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 137, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 137, 199);  
box-shadow:4px 4px 4px 4px rgb(175, 137,  
199) }
```

Background

The CSS property to change the background color of an element to RGB 175, 137, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 137, 199) }
```

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

```
.background{ background-color: rgb(175,  
137, 199) }
```

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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