

Converting Colors

RGB(172, 137, 255)

Have a look what the booklet for
RGB(172, 137, 255) contains.

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Color

RGB(172, 137, 255)

Conversions

Conversions Part 1

Format	Color
Hex	AC89FF
RGB	172, 137, 255
RGB Percent	67%, 54%, 100%
CMY	0.3255, 0.4627, 0.0000
CMYK	0.33, 0.46, 0.00, 0.00
HSL	258°, 100%, 77%
HSV	258°, 46%, 100%
XYZ	44.0089, 33.8820, 98.8281
YIQ	160.9170, -17.0180, 44.1180

Conversions

Conversions Part 2

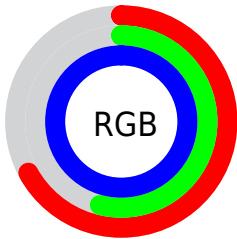
Format	Color
RYB	172, 137, 255
Decimal	11307519
CIELab	64.87, 38.24, -54.21
CIElCh	65, 66.346, 305.199
Yxy	33.8820, 0.2490, 0.1917
Android (android.graphics.Color)	4289497599 (0xFFAC89FF)
YUV	160.9170, 46.3829, 9.7198
Hunter-Lab	58.2082, 33.0923, -59.9190

Details

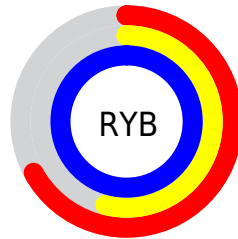
The RGB color **172, 137, 255** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **220, 255, 137**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **230, 191, 255**, and **116, 86, 198** is the 20% darker color. If you saturate the color by 10%, you get **154, 112, 255**, and if you desaturate by 10%, it is **190, 163, 255**.

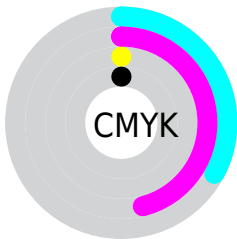
Distribution



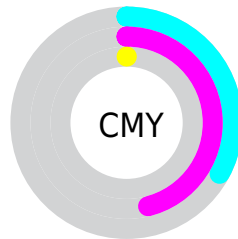
- Red (67%)
- Green (54%)
- Blue (100%)



- Red (67%)
- Yellow (54%)
- Blue (100%)



- Cyan (33%)
- Magenta (46%)
- Yellow (0%)
- Black (0%)




- Cyan (33%)
- Magenta (46%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RGB color 172, 137, 255 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 172, 137, 255 by changing the saturation by 10% instead.


 172, 137, 255


255, 255, 255

 230, 191, 255

 255, 219, 255

 255, 248, 255

 172, 137, 255

 144, 111, 226

 116, 86, 198

 88, 62, 170

 59, 39, 143


 27, 16, 117

 0, 0, 91


 0, 0, 67


 0, 3, 44

 0, 1, 22

 172, 137, 255


 172, 137, 255

 154, 112, 255


 190, 163, 255

 136, 86, 255

 208, 188, 255

 118, 60, 255

 226, 214, 255

 100, 35, 255

 244, 239, 255

 82, 9, 255

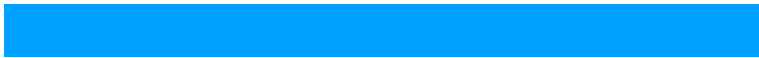
255, 255, 255

 76, 0, 255

Harmonies

Analogous

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



0, 161, 255



172, 137, 255



237, 111, 208

Triad

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



172, 137, 255



226, 136, 44



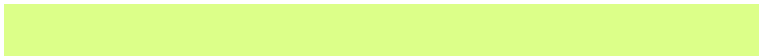
0, 185, 166

Complementary

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



172, 137, 255



220, 255, 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.



0, 182, 105



172, 137, 255



178, 158, 15

Square

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



172, 137, 255



255, 111, 92



116, 173, 51



0, 184, 224

Rectangle

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



172, 137, 255



255, 100, 170



116, 173, 51



0, 185, 146

Sweetspot

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



172, 137, 255



230, 219, 255



137, 222, 255



112, 106, 128



0, 0, 0



128, 128, 128

Same Dimension

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



172, 137, 255



155, 112, 255



229, 137, 255



119, 115, 128



57, 0, 191



19, 0, 64

Inverse Universe

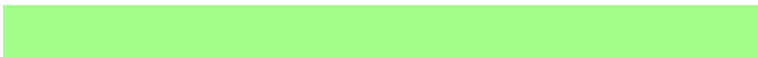
The Inverse Universe completely reimagines the original color for something new.



255, 137, 220



255, 112, 213



163, 255, 137



128, 115, 124



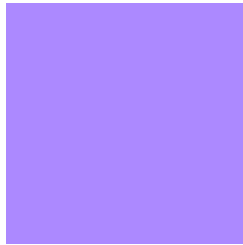
191, 0, 135



64, 0, 45

Previews

White Background



This preview shows how the RGB color 172, 137, 255 looks on a white background.

Color Contrast Check

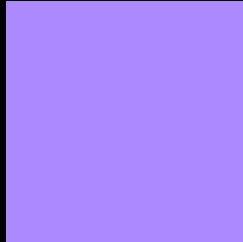
Large Text (above 18pt) WCAG AA × Fail

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 172, 137, 255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

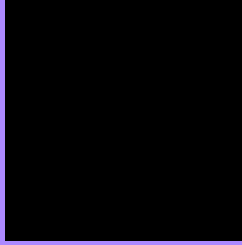
Any Text WCAG AA ✓ Pass

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 172, 137, 255 Background



This preview shows how black text looks on a background with the RGB color 172, 137, 255.

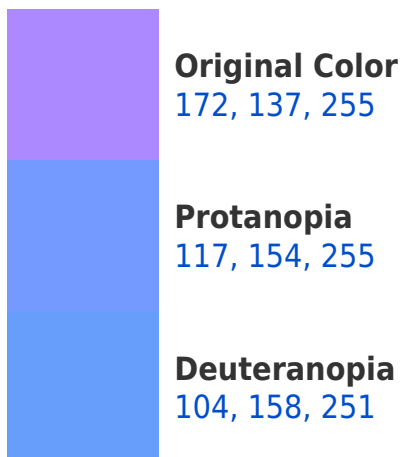


This preview shows how white text looks on a background with the RGB color 172, 137, 255.

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, 157, 169

Trichromacy



Original Color

172, 137, 255



Protanomaly

137, 148, 255



Deuteranomaly

129, 150, 252



Tritanomaly

161, 150, 200

Monochromacy



Original Color

172, 137, 255



Achromatopsia

161, 161, 161



Achromatomaly

165, 152, 195

CSS Examples

Text

The CSS property to change the color of the text to RGB 172, 137, 255 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(172, 137, 255)` looks like.

```
.text, #text, p{  
    color:rgb(172, 137, 255)  
}
```

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(172, 137, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 137, 255) }
```

Border

The CSS property to change the border of an element to RGB 172, 137, 255 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(172, 137, 255) }
```

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

```
.border{ border-color:rgb(172, 137, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 137, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 137, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 137, 255);  
box-shadow:4px 4px 4px 4px rgb(172, 137,  
255) }
```

Background

The CSS property to change the background color of an element to RGB 172, 137, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 137, 255) }
```

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

```
.background{ background-color: rgb(172,  
137, 255) }
```

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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