

Converting Colors

RGB(196, 135, 216)

Have a look what the booklet for
RGB(196, 135, 216) contains.

| | |
|--|----|
| RGB(196, 135, 216) | 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(196, 135, 216)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C487D8 |
| RGB | 196, 135, 216 |
| RGB Percent | 77%, 53%, 85% |
| CMY | 0.2314, 0.4706, 0.1529 |
| CMYK | 0.09, 0.38, 0.00, 0.15 |
| HSL | 285°, 51%, 69% |
| HSV | 285°, 38%, 85% |
| XYZ | 43.8236, 34.0216, 69.2228 |
| YIQ | 162.4730, 10.3550, 38.1230 |

Conversions

Conversions Part 2

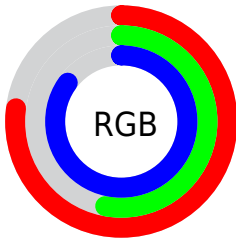
| Format | Color |
|-------------------------------------|--|
| RYB | 196, 135, 216 |
| Decimal | 12879832 |
| CIELab | 64.98, 37.22, -32.35 |
| CIELCh | 65, 49.317, 319.003 |
| Yxy | 34.0216, 0.2980, 0.2313 |
| Android (android.graphics.Color) | 4291069912 (0xFFC487D8) |
| YUV | 162.4730, 26.3888, 29.4032 |
| Hunter-Lab | 58.3280, 32.0384, -29.5349 |

Details

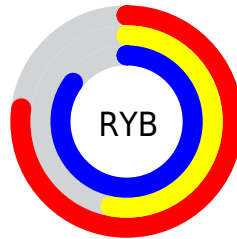
The RGB color **196, 135, 216** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **155, 216, 135**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **254, 189, 255**, and **141, 84, 161** is the 20% darker color. If you saturate the color by 10%, you get **191, 113, 216**, and if you desaturate by 10%, it is **201, 157, 216**.

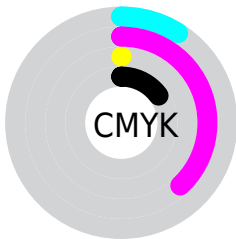
Distribution



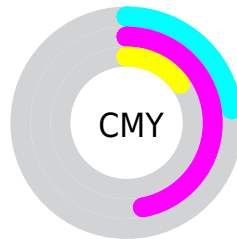
- Red (77%)
- Green (53%)
- Blue (85%)



- Red (77%)
- Yellow (53%)
- Blue (85%)



- Cyan (9%)
- Magenta (38%)
- Yellow (0%)
- Black (15%)




- Cyan (23%)
- Magenta (47%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 196, 135, 216 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 196, 135, 216 by changing the saturation by 10% instead.


 196, 135, 216

 196, 135, 216


255, 255, 255

 168, 109, 188

 254, 189, 255

 141, 84, 161

 255, 217, 255

 114, 59, 134

 255, 246, 255

 89, 35, 109

 64, 9, 84

 40, 0, 61


 10, 0, 38


 0, 1, 15

 0, 0, 0

 196, 135, 216


 196, 135, 216

 191, 113, 216

 201, 157, 216

 185, 92, 216


 207, 178, 216

 180, 70, 216

 212, 200, 216

 175, 49, 216

 217, 221, 216

 169, 27, 216

 223, 243, 216

 164, 5, 216

 228, 255, 216

 163, 0, 216

 233, 255, 216

 239, 255, 216

 244, 255, 216

Harmonies

Analogous

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



134, 152, 241



196, 135, 216



231, 122, 176

Triad

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



196, 135, 216



197, 150, 69



0, 180, 185

Complementary

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



196, 135, 216



155, 216, 135

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, 179, 139



196, 135, 216



156, 164, 70

Square

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



196, 135, 216



227, 133, 93



105, 174, 98



0, 176, 223

Rectangle

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



196, 135, 216



240, 120, 146



105, 174, 98



0, 180, 170

Sweetspot

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



196, 135, 216



248, 227, 255



135, 155, 216



123, 111, 128



0, 0, 0



128, 128, 128

Same Dimension

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



196, 135, 216



227, 140, 255



216, 135, 196



104, 96, 107



129, 0, 171



33, 0, 43

Inverse Universe

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



216, 135, 155



255, 140, 169



135, 216, 155



107, 96, 99



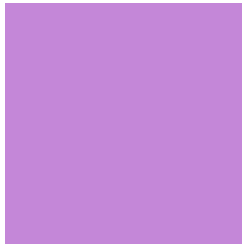
171, 0, 42



43, 0, 11

Previews

White Background



This preview shows how the RGB color 196, 135, 216 looks on a white background.

Color Contrast Check

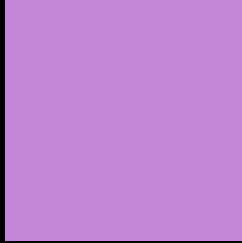
Large Text (above 18pt) WCAG AA × Fail

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 196, 135, 216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

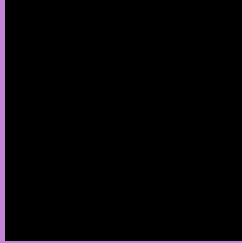
Any Text WCAG AA ✓ Pass

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 196, 135, 216 Background



This preview shows how black text looks on a background with the RGB color 196, 135, 216.

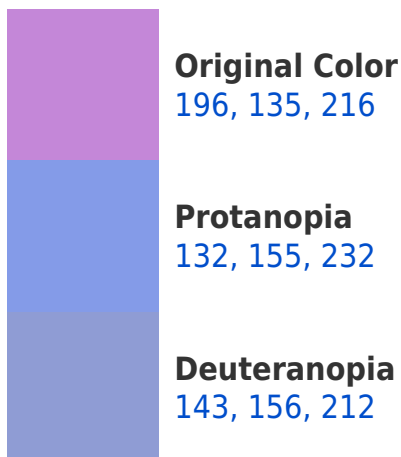


This preview shows how white text looks on a background with the RGB color 196, 135, 216.

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
188, 147, 158

Trichromacy



Original Color

196, 135, 216



Protanomaly

155, 148, 226



Deuteranomaly

162, 148, 213



Tritanomaly

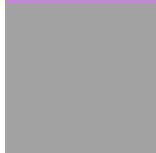
191, 143, 179

Monochromacy



Original Color

196, 135, 216



Achromatopsia

162, 162, 162



Achromatomaly

174, 152, 182

CSS Examples

Text

The CSS property to change the color of the text to RGB 196, 135, 216 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(196, 135, 216)` looks like.

```
.text, #text, p{  
    color:rgb(196, 135, 216)  
}
```

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(196, 135, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 135, 216) }
```

Border

The CSS property to change the border of an element to RGB 196, 135, 216 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(196, 135, 216) }
```

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

```
.border{ border-color:rgb(196, 135, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 135, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 135, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 135, 216);  
box-shadow:4px 4px 4px 4px rgb(196, 135,  
216) }
```

Background

The CSS property to change the background color of an element to RGB 196, 135, 216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 135, 216) }
```

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

```
.background{ background-color: rgb(196,  
135, 216) }
```

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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