

Converting Colors

RGB(201, 165, 254)

Have a look what the booklet for
RGB(201, 165, 254) contains.

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Color

RGB(201, 165, 254)

Conversions

Conversions Part 1

Format	Color
Hex	C9A5FE
RGB	201, 165, 254
RGB Percent	79%, 65%, 100%
CMY	0.2118, 0.3529, 0.0039
CMYK	0.21, 0.35, 0.00, 0.00
HSL	264°, 98%, 82%
HSV	264°, 35%, 100%
XYZ	55.4319, 46.4835, 99.8166
YIQ	185.9100, -7.1130, 35.3110

Conversions

Conversions Part 2

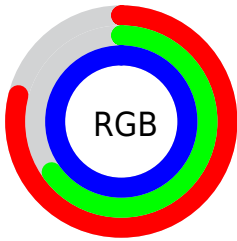
Format	Color
R _Y B	201, 165, 254
Decimal	13215230
CIE Lab	73.86, 30.42, -39.36
CIE LCh	74, 49.747, 307.704
Yxy	46.4835, 0.2748, 0.2304
Android (android.graphics.Color)	4291405310 (0xFFC9A5FE)
YUV	185.9100, 33.5684, 13.2339
Hunter-Lab	68.1788, 25.8142, -39.0778

Details

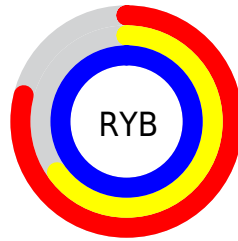
The RGB color **201, 165, 254** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **218, 254, 165**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **255, 220, 255**, and **145, 113, 197** is the 20% darker color. If you saturate the color by 10%, you get **186, 140, 254**, and if you desaturate by 10%, it is **216, 190, 254**.

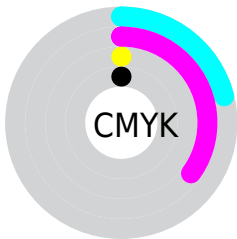
Distribution



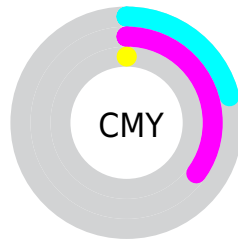
- Red (79%)
- Green (65%)
- Blue (100%)



- Red (79%)
- Yellow (65%)
- Blue (100%)



- Cyan (21%)
- Magenta (35%)
- Yellow (0%)
- Black (0%)





- Cyan (21%)
- Magenta (35%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RGB color 201, 165, 254 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 201, 165, 254 by changing the saturation by 10% instead.

 201, 165, 254

 201, 165, 254

255, 255, 255

 173, 138, 225

 255, 220, 255


 145, 113, 197


 255, 249, 255

 119, 88, 169

 92, 64, 143

 67, 41, 117

 41, 19, 92

 15, 0, 68

 0, 0, 45

 0, 1, 23

■ 201, 165, 254

■ 201, 165, 254

■ 186, 140, 254

■ 216, 190, 254

■ 171, 114, 254

■ 231, 216, 254

■ 156, 89, 254

■ 246, 241, 254

■ 140, 63, 254

255, 255, 254

■ 125, 38, 254

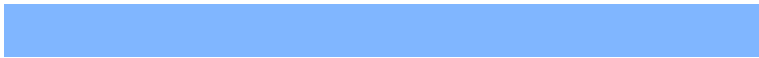
■ 110, 13, 254

■ 103, 0, 254

Harmonies

Analogous

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



128, 182, 255



201, 165, 254



248, 149, 217

Triad

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



201, 165, 254



237, 167, 97



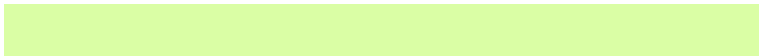
0, 205, 192

Complementary

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



201, 165, 254



218, 254, 165

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.



86, 202, 145



201, 165, 254



198, 183, 88

Square

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



201, 165, 254



255, 151, 128



149, 195, 107



0, 203, 236

Rectangle

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



201, 165, 254



255, 144, 187



149, 195, 107



0, 205, 176

Sweetspot

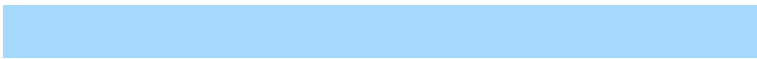
The Sweet Spot groups the original color and five complimentary colors.



201, 165, 254



238, 227, 255



165, 218, 254



118, 111, 128



0, 0, 0



128, 128, 128

Same Dimension

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



201, 165, 254



191, 148, 255



245, 165, 254



120, 115, 128



77, 0, 191



26, 0, 64

Inverse Universe

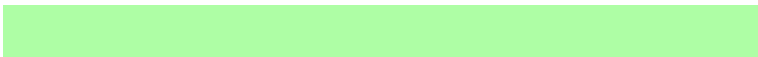
The Inverse Universe completely reimagines the original color for something new.



254, 165, 218



255, 148, 212



174, 254, 165



128, 115, 122



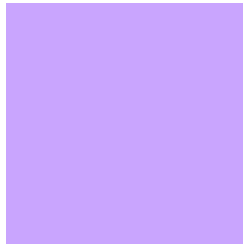
191, 0, 114



64, 0, 38

Previews

White Background



This preview shows how the RGB color 201, 165, 254 looks on a white background.

Color Contrast Check

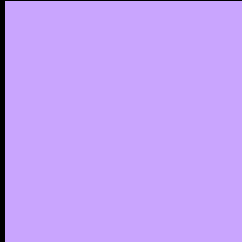
Large Text (above 18pt) WCAG AA × Fail

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 201, 165, 254 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 201, 165, 254 Background



This preview shows how black text looks on a background with the RGB color 201, 165, 254.

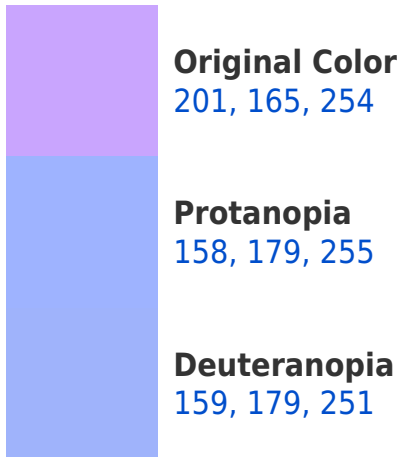



This preview shows how white text looks on a background with the RGB color 201, 165, 254.

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
190, 178, 192

Trichromacy



Original Color

201, 165, 254



Protanomaly

174, 174, 255



Deuteranomaly

174, 174, 252



Tritanomaly

194, 173, 215

Monochromacy



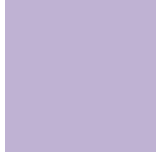
Original Color

201, 165, 254



Achromatopsia

186, 186, 186



Achromatomaly

191, 178, 211

CSS Examples

Text

The CSS property to change the color of the text to RGB 201, 165, 254 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(201, 165, 254)` looks like.

```
.text, #text, p{  
    color:rgb(201, 165, 254)  
}
```

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(201, 165, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 165, 254) }
```

Border

The CSS property to change the border of an element to RGB 201, 165, 254 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(201, 165, 254) }
```

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

```
.border{ border-color:rgb(201, 165, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 165, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 165, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 165, 254);  
box-shadow:4px 4px 4px 4px rgb(201, 165,  
254) }
```

Background

The CSS property to change the background color of an element to RGB 201, 165, 254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 165, 254) }
```

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

```
.background{ background-color: rgb(201,  
165, 254) }
```

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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