

Converting Colors

RGB(205, 183, 241)

Have a look what the booklet for
RGB(205, 183, 241) contains.

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Color

RGB(205, 183, 241)

Conversions

Conversions Part 1

Format	Color
Hex	CDB7F1
RGB	205, 183, 241
RGB Percent	80%, 72%, 95%
CMY	0.1961, 0.2824, 0.0549
CMYK	0.15, 0.24, 0.00, 0.05
HSL	263°, 67%, 83%
HSV	263°, 24%, 95%
XYZ	57.9875, 53.1970, 90.4309
YIQ	196.1900, -5.5060, 22.7020

Conversions

Conversions Part 2

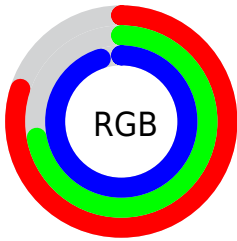
Format	Color
R _Y B	205, 183, 241
Decimal	13481969
CIE Lab	77.99, 18.93, -25.94
CIE LCh	78, 32.117, 306.123
Yxy	53.1970, 0.2876, 0.2639
Android (android.graphics.Color)	4291672049 (0xFFCDB7F1)
YUV	196.1900, 22.0913, 7.7264
Hunter-Lab	72.9363, 14.2768, -22.4560

Details

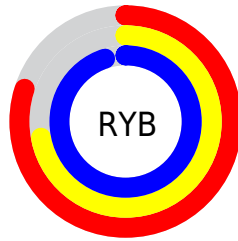
The RGB color **205, 183, 241** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **219, 241, 183**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **255, 239, 255**, and **150, 130, 185** is the 20% darker color. If you saturate the color by 10%, you get **190, 159, 241**, and if you desaturate by 10%, it is **220, 207, 241**.

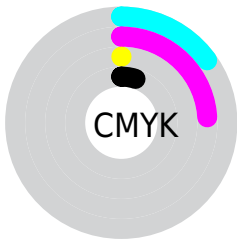
Distribution



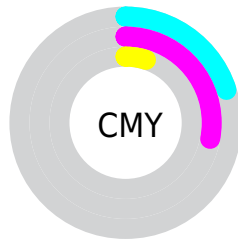
- Red (80%)
- Green (72%)
- Blue (95%)



- Red (80%)
- Yellow (72%)
- Blue (95%)



- Cyan (15%)
- Magenta (24%)
- Yellow (0%)
- Black (5%)



- Cyan (20%)
- Magenta (28%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the RGB color 205, 183, 241 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 205, 183, 241 by changing the saturation by 10% instead.


 205, 183, 241


 205, 183, 241


255, 255, 255

 177, 156, 213

 255, 239, 255

 150, 130, 185

 124, 105, 158

 98, 81, 131

 74, 57, 106

 50, 36, 82

 27, 15, 58

 0, 0, 37

 0, 1, 13

■ 205, 183, 241

■ 205, 183, 241

■ 190, 159, 241

■ 220, 207, 241

■ 175, 135, 241

■ 235, 231, 241

■ 160, 111, 241

■ 250, 255, 241

■ 145, 87, 241

■ 255, 255, 241

■ 130, 62, 241

■ 115, 38, 241

■ 100, 14, 241

■ 91, 0, 241

Harmonies

Analogous

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



163, 194, 252



205, 183, 241



236, 174, 218

Triad

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



205, 183, 241



234, 183, 139



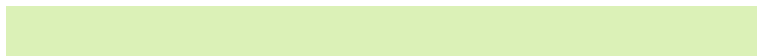
110, 209, 198

Complementary

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



205, 183, 241



219, 241, 183

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.



141, 207, 168



205, 183, 241



208, 193, 133

Square

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



205, 183, 241



250, 174, 159



175, 202, 144



98, 208, 227

Rectangle

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



205, 183, 241



248, 171, 198



175, 202, 144



119, 209, 188

Sweetspot

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



205, 183, 241



244, 237, 255



183, 220, 241



121, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



205, 183, 241



209, 181, 255



233, 183, 241



112, 108, 120



70, 0, 184



21, 0, 56

Inverse Universe

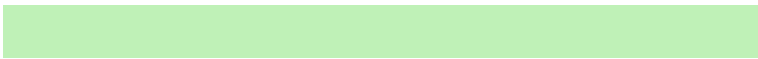
The Inverse Universe completely reimagines the original color for something new.



241, 183, 219



255, 181, 227



191, 241, 183



120, 108, 115



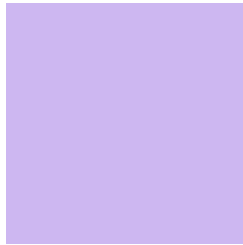
184, 0, 114



56, 0, 35

Previews

White Background



This preview shows how the RGB color 205, 183, 241 looks on a white background.

Color Contrast Check

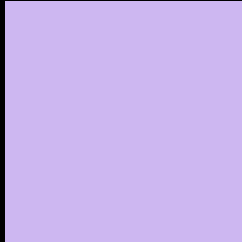
Large Text (above 18pt) WCAG AA × Fail

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 205, 183, 241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

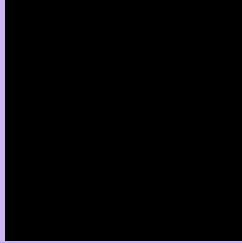
Any Text WCAG AA ✓ Pass

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 205, 183, 241 Background



This preview shows how black text looks on a background with the RGB color 205, 183, 241.

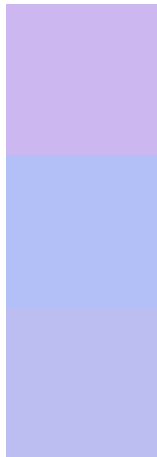


This preview shows how white text looks on a background with the RGB color 205, 183, 241.

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



Original Color
205, 183, 241

Protanopia
179, 191, 247

Deuteranopia
188, 189, 240



Tritanopia
199, 190, 205

Trichromacy



Original Color
205, 183, 241

Protanomaly
188, 188, 245

Deuteranomaly
194, 187, 240

Tritanomaly
201, 187, 218

Monochromacy



Original Color
205, 183, 241

Achromatopsia
196, 196, 196

Achromatomaly
199, 191, 212

CSS Examples

Text

The CSS property to change the color of the text to RGB 205, 183, 241 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(205, 183, 241)` looks like.

```
.text, #text, p{  
    color:rgb(205, 183, 241)  
}
```

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(205, 183, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 183, 241) }
```

Border

The CSS property to change the border of an element to RGB 205, 183, 241 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(205, 183, 241) }
```

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

```
.border{ border-color:rgb(205, 183, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 183, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 183, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 183, 241);  
box-shadow:4px 4px 4px 4px rgb(205, 183,  
241) }
```

Background

The CSS property to change the background color of an element to RGB 205, 183, 241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 183, 241) }
```

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

```
.background{ background-color: rgb(205,  
183, 241) }
```

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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