

Converting Colors

RGB(209, 190, 227)

Have a look what the booklet for
RGB(209, 190, 227) contains.

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Color

RGB(209, 190, 227)

Conversions

Conversions Part 1

Format	Color
Hex	D1BEE3
RGB	209, 190, 227
RGB Percent	82%, 75%, 89%
CMY	0.1804, 0.2549, 0.1098
CMYK	0.08, 0.16, 0.00, 0.11
HSL	271°, 40%, 82%
HSV	271°, 16%, 89%
XYZ	58.5731, 55.9283, 80.3811
YIQ	199.8990, -0.5530, 15.5350

Conversions

Conversions Part 2

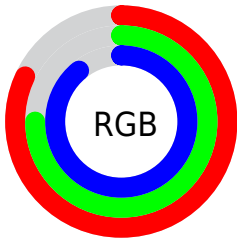
Format	Color
R _Y B	209, 190, 227
Decimal	13745891
CIE Lab	79.57, 13.54, -15.98
CIE LCh	80, 20.941, 310.278
Yxy	55.9283, 0.3006, 0.2870
Android (android.graphics.Color)	4291935971 (0xFFD1BEE3)
YUV	199.8990, 13.3608, 7.9816
Hunter-Lab	74.7852, 8.9302, -11.3768

Details

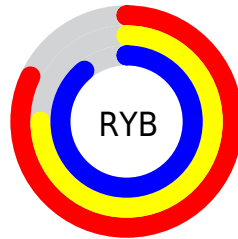
The RGB color **209, 190, 227** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **208, 227, 190**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is **255, 246, 255**, and **154, 137, 172** is the 20% darker color. If you saturate the color by 10%, you get **198, 167, 227**, and if you desaturate by 10%, it is **220, 213, 227**.

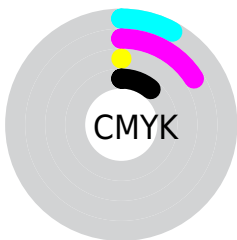
Distribution



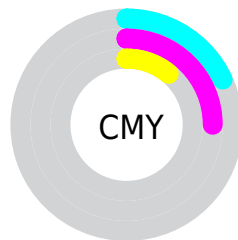
- Red (82%)
- Green (75%)
- Blue (89%)



- Red (82%)
- Yellow (75%)
- Blue (89%)



- Cyan (8%)
- Magenta (16%)
- Yellow (0%)
- Black (11%)



- Cyan (18%)
- Magenta (25%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 209, 190, 227 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 209, 190, 227 by changing the saturation by 10% instead.

 209, 190, 227

255, 255, 255


 255, 246, 255

 209, 190, 227

 181, 163, 199


 154, 137, 172

 128, 111, 145

 103, 87, 119

 79, 63, 94

 55, 41, 71


 33, 21, 48

 13, 0, 28


 0, 0, 0


 209, 190, 227

 209, 190, 227

 198, 167, 227

 220, 213, 227

 187, 145, 227

 231, 235, 227

 176, 122, 227


 242, 255, 227

 165, 99, 227


 253, 255, 227


 154, 77, 227

 255, 255, 227

 143, 54, 227

 132, 31, 227

 121, 8, 227

 117, 0, 227

Harmonies

Analogous

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



184, 197, 235



209, 190, 227



228, 185, 211

Triad

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



209, 190, 227



224, 192, 161



147, 209, 203

Complementary

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



209, 190, 227



208, 227, 190

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.



162, 207, 183



209, 190, 227



205, 198, 159

Square

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



209, 190, 227



236, 186, 173



183, 204, 167



146, 207, 222

Rectangle

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



209, 190, 227



236, 184, 198



183, 204, 167



151, 208, 197

Sweetspot

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



209, 190, 227



249, 242, 255



190, 209, 227



124, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



209, 190, 227



230, 204, 255



227, 190, 227



109, 103, 115



92, 0, 179



26, 0, 51

Inverse Universe

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



227, 190, 208



255, 204, 229



190, 227, 190



115, 103, 109



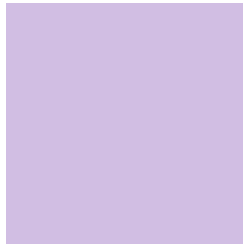
179, 0, 87



51, 0, 25

Previews

White Background



This preview shows how the RGB color 209, 190, 227 looks on a white background.

Color Contrast Check

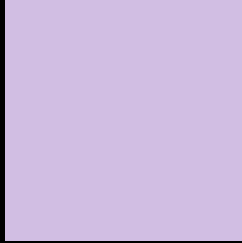
Large Text (above 18pt) WCAG AA × Fail

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 209, 190, 227 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 209, 190, 227 Background



This preview shows how black text looks on a background with the RGB color 209, 190, 227.



This preview shows how white text looks on a background with the RGB color 209, 190, 227.

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
209, 190, 227

Protanopia
191, 196, 231

Deuteranopia
202, 192, 227



Tritanopia
206, 193, 208

Trichromacy



Original Color
209, 190, 227

Protanomaly
198, 194, 230

Deuteranomaly
205, 191, 227

Tritanomaly
207, 192, 215

Monochromacy



Original Color
209, 190, 227

Achromatopsia
200, 200, 200

Achromatomaly
203, 196, 210

CSS Examples

Text

The CSS property to change the color of the text to RGB 209, 190, 227 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(209, 190, 227)` looks like.

```
.text, #text, p{  
    color:rgb(209, 190, 227)  
}
```

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(209, 190, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 190, 227) }
```

Border

The CSS property to change the border of an element to RGB 209, 190, 227 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(209, 190, 227) }
```

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

```
.border{ border-color:rgb(209, 190, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 190, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 190, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 190, 227);  
box-shadow:4px 4px 4px 4px rgb(209, 190,  
227) }
```

Background

The CSS property to change the background color of an element to RGB 209, 190, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 190, 227) }
```

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

```
.background{ background-color: rgb(209,  
190, 227) }
```

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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