

Converting Colors

RGB(213, 198, 229)

Have a look what the booklet for
RGB(213, 198, 229) contains.

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Color

RGB(213, 198, 229)

Conversions

Conversions Part 1

Format	Color
Hex	D5C6E5
RGB	213, 198, 229
RGB Percent	84%, 78%, 90%
CMY	0.1647, 0.2235, 0.1020
CMYK	0.07, 0.14, 0.00, 0.10
HSL	269°, 37%, 84%
HSV	269°, 14%, 90%
XYZ	61.7775, 60.1914, 82.4908
YIQ	206.0190, -1.0110, 12.8210

Conversions

Conversions Part 2

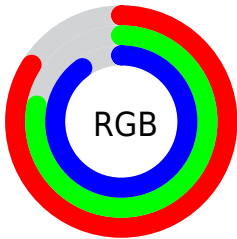
Format	Color
R _Y B	213, 198, 229
Decimal	14010085
CIE _{Lab}	81.94, 10.95, -13.46
CIE _{LCh}	82, 17.349, 309.127
Yxy	60.1914, 0.3021, 0.2944
Android (android.graphics.Color)	4292200165 (0xFFD5C6E5)
YUV	206.0190, 11.3296, 6.1223
Hunter-Lab	77.5831, 6.3646, -8.7323

Details

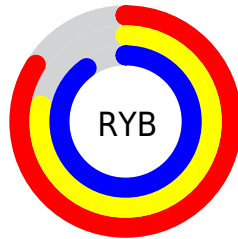
The RGB color **213, 198, 229** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **214, 229, 198**, and the grayscale version is **206, 206, 206**.

A 20% lighter version of the original color is 255, 255, 255, and **158, 144, 174** is the 20% darker color. If you saturate the color by 10%, you get **201, 175, 229**, and if you desaturate by 10%, it is **225, 221, 229**.

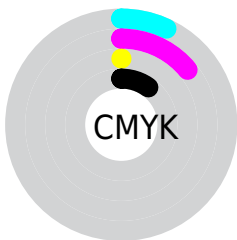
Distribution



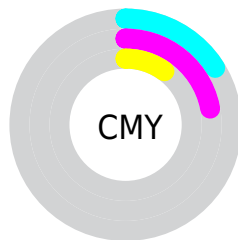
- Red (84%)
- Green (78%)
- Blue (90%)



- Red (84%)
- Yellow (78%)
- Blue (90%)



- Cyan (7%)
- Magenta (14%)
- Yellow (0%)
- Black (10%)



- Cyan (16%)
- Magenta (22%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RGB color 213, 198, 229 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 213, 198, 229 by changing the saturation by 10% instead.

 213, 198, 229

255, 255, 255

255, 255, 255

 213, 198, 229

 185, 171, 201

 158, 144, 174

 132, 119, 147

 107, 94, 121

 82, 70, 96

 59, 48, 72


 37, 27, 50

 18, 0, 29

 0, 0, 0

 213, 198, 229

 213, 198, 229

 201, 175, 229


 225, 221, 229

 189, 152, 229

 237, 244, 229


 178, 129, 229


 248, 255, 229


 166, 106, 229


 255, 255, 229

 154, 84, 229

 142, 61, 229

 130, 38, 229

 118, 15, 229

 111, 0, 229

Harmonies

Analogous

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



192, 203, 236



213, 198, 229



229, 194, 216

Triad

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



213, 198, 229



227, 199, 174



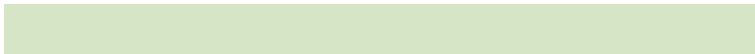
164, 213, 208

Complementary

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



213, 198, 229



214, 229, 198

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.



175, 212, 192



213, 198, 229



212, 204, 172

Square

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



213, 198, 229



237, 194, 184



193, 209, 178



162, 212, 224

Rectangle

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



213, 198, 229



236, 193, 205



193, 209, 178



167, 213, 203

Sweetspot

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



213, 198, 229



250, 245, 255



198, 214, 229



124, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



213, 198, 229



234, 214, 255



228, 198, 229



109, 103, 115



86, 0, 179



25, 0, 51

Inverse Universe

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



229, 198, 214



255, 214, 235



199, 229, 198



115, 103, 109



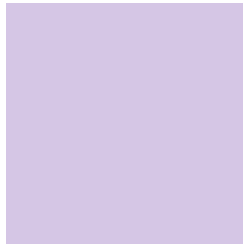
179, 0, 92



51, 0, 26

Previews

White Background



This preview shows how the RGB color 213, 198, 229 looks on a white background.

Color Contrast Check

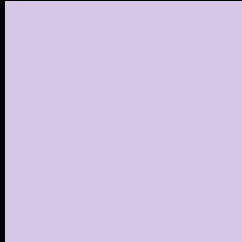
Large Text (above 18pt) WCAG AA × Fail

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 213, 198, 229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

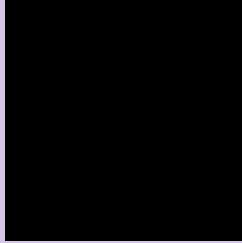
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

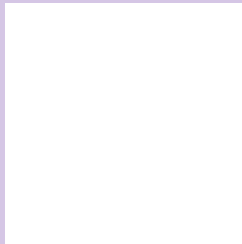
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 213, 198, 229 Background



This preview shows how black text looks on a background with the RGB color 213, 198, 229.



This preview shows how white text looks on a background with the RGB color 213, 198, 229.

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
213, 198, 229

Protanopia
199, 202, 232

Deuteranopia
212, 198, 229



Tritanopia
211, 200, 216

Trichromacy



Original Color
213, 198, 229

Protanomaly
204, 201, 231

Deuteranomaly
212, 198, 229

Tritanomaly
212, 199, 221

Monochromacy



Original Color
213, 198, 229

Achromatopsia
206, 206, 206

Achromatomaly
209, 203, 214

CSS Examples

Text

The CSS property to change the color of the text to RGB 213, 198, 229 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(213, 198, 229)` looks like.

```
.text, #text, p{  
    color:rgb(213, 198, 229)  
}
```

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(213, 198, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 198, 229) }
```

Border

The CSS property to change the border of an element to RGB 213, 198, 229 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(213, 198, 229) }
```

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

```
.border{ border-color:rgb(213, 198, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 198, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 198, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 198, 229);  
box-shadow:4px 4px 4px 4px rgb(213, 198,  
229) }
```

Background

The CSS property to change the background color of an element to RGB 213, 198, 229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 198, 229) }
```

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

```
.background{ background-color: rgb(213,  
198, 229) }
```

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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