

Converting Colors

RGB(225, 181, 213)

Have a look what the booklet for
RGB(225, 181, 213) contains.

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Color

RGB(225, 181, 213)

Conversions

Conversions Part 1

Format	Color
Hex	E1B5D5
RGB	225, 181, 213
RGB Percent	88%, 71%, 84%
CMY	0.1176, 0.2902, 0.1647
CMYK	0.00, 0.20, 0.05, 0.12
HSL	316°, 42%, 80%
HSV	316°, 20%, 88%
XYZ	59.5855, 53.8594, 70.2062
YIQ	197.8040, 15.9520, 19.2800

Conversions

Conversions Part 2

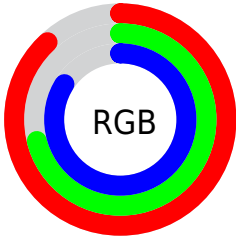
Format	Color
R _Y B	225, 181, 213
Decimal	14792149
CIE Lab	78.38, 21.12, -10.06
CIE LCh	78, 23.392, 334.530
Yxy	53.8594, 0.3244, 0.2933
Android (android.graphics.Color)	4292982229 (0xFFE1B5D5)
YUV	197.8040, 7.4916, 23.8509
Hunter-Lab	73.3890, 16.4958, -5.3464

Details

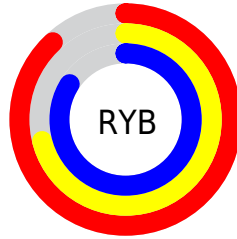
The RGB color **225, 181, 213** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **181, 225, 193**, and the grayscale version is **198, 198, 198**.

A 20% lighter version of the original color is **255, 237, 255**, and **169, 128, 158** is the 20% darker color. If you saturate the color by 10%, you get **225, 159, 207**, and if you desaturate by 10%, it is **225, 204, 219**.

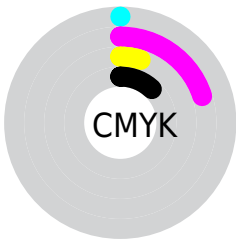
Distribution



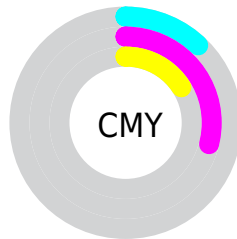
- Red (88%)
- Green (71%)
- Blue (84%)



- Red (88%)
- Yellow (71%)
- Blue (84%)



- Cyan (0%)
- Magenta (20%)
- Yellow (5%)
- Black (12%)



- Cyan (12%)
- Magenta (29%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 225, 181, 213 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 225, 181, 213 by changing the saturation by 10% instead.

 225, 181, 213

255, 255, 255

 255, 237, 255

 225, 181, 213

 197, 154, 185

 169, 128, 158

 143, 103, 132

 117, 78, 107

 92, 55, 83

 67, 33, 60


 44, 11, 38

 23, 0, 17

 0, 0, 0

 225, 181, 213

 225, 181, 213

 225, 159, 207


 225, 204, 219

 225, 136, 201

 225, 226, 225

 225, 114, 195

 225, 249, 231

 225, 91, 188

 225, 255, 238

 225, 69, 182

 225, 255, 244

 225, 46, 176

 225, 255, 250

 225, 24, 170

 225, 255, 255

 225, 1, 164

 225, 0, 164

Harmonies

Analogous

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



202, 187, 230



225, 181, 213



237, 178, 191

Triad

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



225, 181, 213



207, 193, 151



133, 205, 218

Complementary

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



225, 181, 213



181, 225, 193

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.



139, 206, 197



225, 181, 213



183, 200, 158

Square

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



225, 181, 213



227, 186, 155



159, 205, 175



146, 201, 232

Rectangle

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



225, 181, 213



239, 179, 177



159, 205, 175



133, 206, 211

Sweetspot

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



225, 181, 213



255, 240, 251



193, 181, 225



128, 119, 125



0, 0, 0



128, 128, 128

Same Dimension

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



225, 181, 213



255, 196, 239



225, 181, 191



112, 101, 109



176, 0, 128



48, 0, 35

Inverse Universe

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



225, 181, 213



255, 196, 239



181, 225, 215



112, 101, 109



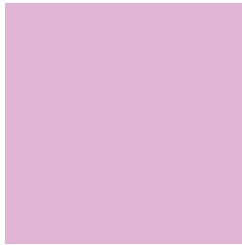
176, 0, 128



48, 0, 35

Previews

White Background



This preview shows how the RGB color 225, 181, 213 looks on a white background.

Color Contrast Check

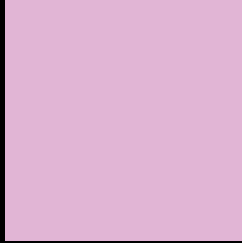
Large Text (above 18pt) WCAG AA × Fail

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 225, 181, 213 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 225, 181, 213 Background



This preview shows how black text looks on a background with the RGB color 225, 181, 213.



This preview shows how white text looks on a background with the RGB color 225, 181, 213.

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
225, 181, 213

Protanopia
190, 193, 220

Deuteranopia
205, 189, 212



Tritanopia
223, 184, 198

Trichromacy



Original Color
225, 181, 213

Protanomaly
203, 189, 217

Deuteranomaly
212, 186, 212

Tritanomaly
224, 183, 203

Monochromacy



Original Color
225, 181, 213

Achromatopsia
198, 198, 198

Achromatomaly
208, 192, 203

CSS Examples

Text

The CSS property to change the color of the text to RGB 225, 181, 213 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(225, 181, 213)` looks like.

```
.text, #text, p{  
    color:rgb(225, 181, 213)  
}
```

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(225, 181, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 181, 213) }
```

Border

The CSS property to change the border of an element to RGB 225, 181, 213 is called "border". The border property can be set on classes, ids or directly on the HTML element.

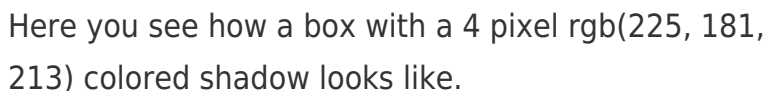
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(225, 181, 213) }
```

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

```
.border{ border-color:rgb(225, 181, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(225, 181, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 181, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 181, 213);  
box-shadow:4px 4px 4px 4px rgb(225, 181,  
213) }
```

Background

The CSS property to change the background color of an element to RGB 225, 181, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 181, 213) }
```

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

```
.background{ background-color: rgb(225,  
181, 213) }
```

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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