

# Converting Colors

RGB(207, 196, 225)

Have a look what the booklet for  
RGB(207, 196, 225) contains.

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# **Color**

**RGB(207, 196, 225)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CFC4E1
RGB	207, 196, 225
RGB Percent	81%, 77%, 88%
CMY	0.1882, 0.2314, 0.1176
CMYK	0.08, 0.13, 0.00, 0.12
HSL	263°, 33%, 83%
HSV	263°, 13%, 88%
XYZ	59.0627, 58.1815, 79.3514
YIQ	202.5950, -2.7530, 11.3510

# Conversions

## Conversions Part 2

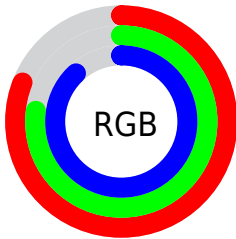
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	207, 196, 225
Decimal	13616353
CIE Lab	80.84, 9.26, -13.02
CIE LCh	81, 15.975, 305.430
Yxy	58.1815, 0.3004, 0.2959
Android (android.graphics.Color)	4291806433 (0xFFCFC4E1)
YUV	202.5950, 11.0457, 3.8632
Hunter-Lab	76.2768, 4.7318, -8.2861

# Details

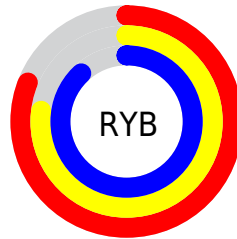
The RGB color `207, 196, 225` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `214, 225, 196`, and the grayscale version is `202, 202, 202`.

A 20% lighter version of the original color is `255, 253, 255`, and `153, 142, 170` is the 20% darker color. If you saturate the color by 10%, you get `193, 174, 225`, and if you desaturate by 10%, it is `221, 219, 225`.

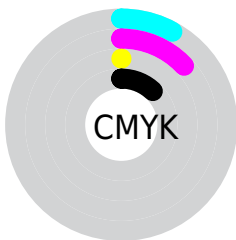
# Distribution



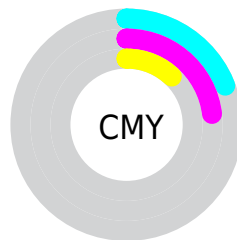
- Red (81%)
- Green (77%)
- Blue (88%)



- Red (81%)
- Yellow (77%)
- Blue (88%)



- Cyan (8%)
- Magenta (13%)
- Yellow (0%)
- Black (12%)



- Cyan (19%)
- Magenta (23%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 207, 196, 225 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 207, 196, 225 by changing the saturation by 10% instead.



■ 207, 196, 225

255, 255, 255

■ 255, 253, 255

■ 207, 196, 225

■ 179, 169, 197

■ 153, 142, 170

■ 127, 117, 143

■ 101, 92, 118


■ 77, 69, 93

■ 54, 46, 69


■ 33, 26, 47


■ 12, 0, 27

■ 0, 0, 0

 207, 196, 225

 207, 196, 225

 193, 174, 225


 221, 219, 225

 179, 151, 225

 235, 241, 225

 165, 129, 225

 249, 255, 225

 151, 106, 225


 255, 255, 225

 137, 84, 225

 123, 61, 225

 109, 39, 225

 95, 16, 225

 85, 0, 225

# Harmonies

## Analogous

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



188, 201, 230



207, 196, 225



223, 192, 213

# Triad

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



207, 196, 225



224, 196, 174



165, 210, 203

# Complementary

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



207, 196, 225



214, 225, 196

# 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.



177, 208, 188



207, 196, 225



210, 201, 171

# Square

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



207, 196, 225



232, 192, 184



193, 205, 176



163, 209, 217

# Rectangle

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



207, 196, 225



230, 191, 204



193, 205, 176



168, 209, 198



# Sweetspot

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



207, 196, 225



249, 245, 255



196, 214, 225



124, 121, 128



0, 0, 0



128, 128, 128



# Same Dimension

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



207, 196, 225



231, 217, 255



221, 196, 225



105, 101, 112



67, 0, 176



18, 0, 48



# Inverse Universe

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



225, 196, 214



255, 217, 240



200, 225, 196



112, 101, 108



176, 0, 109

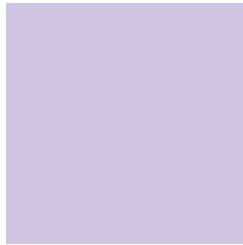


48, 0, 30



# Previews

## White Background



This preview shows how the RGB color 207, 196, 225 looks on a white background.

## Color Contrast Check

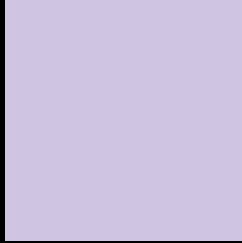
Large Text (above 18pt) WCAG AA × Fail

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 207, 196, 225 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

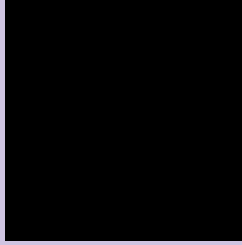
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RGB 207, 196, 225 Background



This preview shows how black text looks on a background with the RGB color 207, 196, 225.



This preview shows how white text looks on a background with the RGB color 207, 196, 225.

# 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**


207, 196, 225

**Protanopia**

196, 199, 227

**Deuteranopia**

209, 195, 225



**Tritanopia**  
205, 198, 214

# Trichromacy



## Original Color

207, 196, 225

## Protanomaly

200, 198, 226

## Deuteranomaly

208, 195, 225

## Tritanomaly

206, 197, 218

# Monochromacy



## Original Color

207, 196, 225

## Achromatopsia

203, 203, 203

## Achromatomaly

204, 200, 211

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 207, 196, 225 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(207, 196, 225)` looks like.

```
.text, #text, p{  
    color:rgb(207, 196, 225)  
}
```

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(207, 196, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 196, 225) }
```

## Border

The CSS property to change the border of an element to RGB 207, 196, 225 is called "border". The border property can be set on classes, ids or directly on the HTML element.

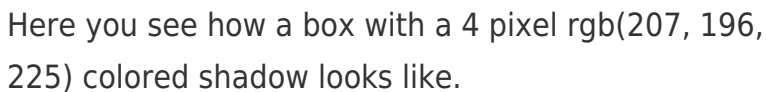
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 196, 225) }
```

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

```
.border{ border-color:rgb(207, 196, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 196, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 196, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 196, 225); box-shadow:4px 4px 4px 4px rgb(207, 196, 225) }
```

# Background

The CSS property to change the background color of an element to RGB 207, 196, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 196, 225) }
```

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

```
.background{ background-color: rgb(207,  
196, 225) }
```

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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