

# Converting Colors

RGB(204, 193, 225)

Have a look what the booklet for  
RGB(204, 193, 225) contains.

<b>RGB(204, 193, 225)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**RGB(204, 193, 225)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CCC1E1
RGB	204, 193, 225
RGB Percent	80%, 76%, 88%
CMY	0.2000, 0.2431, 0.1176
CMYK	0.09, 0.14, 0.00, 0.12
HSL	261°, 35%, 82%
HSV	261°, 14%, 88%
XYZ	57.5624, 56.4135, 79.0892
YIQ	199.9370, -3.7160, 12.2840

# Conversions

## Conversions Part 2

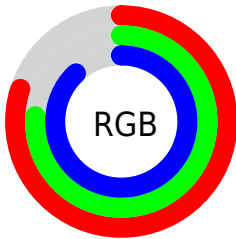
<b>Format</b>	<b>Color</b>
<b>RYB</b>	204, 193, 225
Decimal	13418977
CIELab	79.85, 9.89, -14.53
CIELCh	80, 17.573, 304.243
Yxy	56.4135, 0.2982, 0.2922
Android (android.graphics.Color)	4291609057 (0xFFCCC1E1)
YUV	199.9370, 12.3561, 3.5633
Hunter-Lab	75.1089, 5.3592, -9.8557

# Details

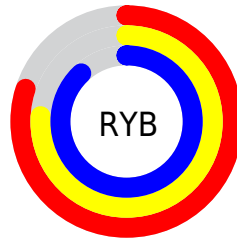
The RGB color `204, 193, 225` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `214, 225, 193`, and the grayscale version is `200, 200, 200`.

A 20% lighter version of the original color is `255, 249, 255`, and `150, 139, 170` is the 20% darker color. If you saturate the color by 10%, you get `189, 171, 225`, and if you desaturate by 10%, it is `219, 216, 225`.

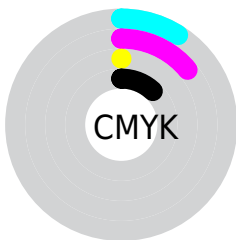
# Distribution



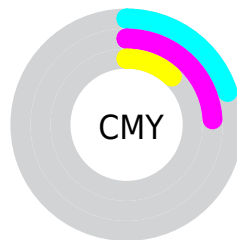
- Red (80%)
- Green (76%)
- Blue (88%)



- Red (80%)
- Yellow (76%)
- Blue (88%)



- Cyan (9%)
- Magenta (14%)
- Yellow (0%)
- Black (12%)



- Cyan (20%)
- Magenta (24%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 204, 193, 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 204, 193, 225 by changing the saturation by 10% instead.



■ 204, 193, 225

255, 255, 255

■ 255, 249, 255

■ 204, 193, 225

■ 176, 166, 197

■ 150, 139, 170

■ 124, 114, 143

■ 99, 89, 118


■ 75, 66, 93

■ 52, 44, 69


■ 30, 23, 47

■ 8, 0, 27


■ 0, 0, 0

 204, 193, 225


 204, 193, 225

 189, 171, 225

 219, 216, 225

 174, 148, 225


 234, 238, 225

 160, 125, 225


 248, 255, 225

 145, 103, 225

 255, 255, 225

 130, 81, 225

 115, 58, 225

 101, 35, 225

 86, 13, 225

 77, 0, 225

# Harmonies

## Analogous

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



183, 199, 230



204, 193, 225



222, 188, 212

# Triad

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



204, 193, 225



224, 192, 169



159, 208, 200

# Complementary

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



204, 193, 225



214, 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.



172, 206, 183



204, 193, 225



209, 198, 165

# Square

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



204, 193, 225



232, 188, 180



190, 203, 171



155, 207, 216

# Rectangle

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



204, 193, 225



229, 187, 202



190, 203, 171



162, 207, 194



# Sweetspot

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



204, 193, 225



248, 245, 255



193, 214, 225



123, 121, 128



0, 0, 0



128, 128, 128



# Same Dimension

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



204, 193, 225



227, 212, 255



220, 193, 225



105, 101, 112



60, 0, 176



17, 0, 48



# Inverse Universe

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



225, 193, 214



255, 212, 240



198, 225, 193



112, 101, 108



176, 0, 115

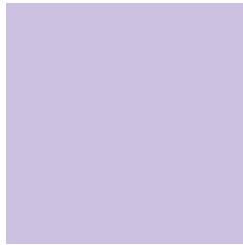


48, 0, 32



# Previews

## White Background



This preview shows how the RGB color 204, 193, 225 looks on a white background.

## Color Contrast Check

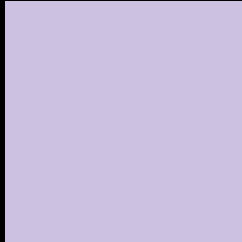
Large Text (above 18pt) WCAG AA × Fail

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 204, 193, 225 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

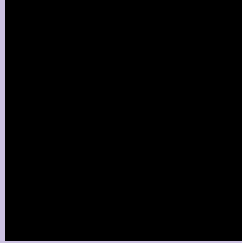
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RGB 204, 193, 225 Background



This preview shows how black text looks on a background with the RGB color 204, 193, 225.



This preview shows how white text looks on a background with the RGB color 204, 193, 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**  
[204, 193, 225](#)

**Protanopia**  
[193, 196, 227](#)

**Deuteranopia**  
[204, 193, 225](#)



**Tritanopia**  
202, 195, 211

# Trichromacy



## Original Color

204, 193, 225

## Protanomaly

197, 195, 226

## Deuteranomaly

204, 193, 225

## Tritanomaly

203, 194, 216

# Monochromacy



## Original Color

204, 193, 225

## Achromatopsia

200, 200, 200

## Achromatomaly

201, 197, 209

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 204, 193, 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(204, 193, 225)` looks like.

```
.text, #text, p{  
    color:rgb(204, 193, 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(204, 193, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 193, 225) }
```

## Border

The CSS property to change the border of an element to RGB 204, 193, 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(204, 193, 225) }
```

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

```
.border{ border-color:rgb(204, 193, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 193, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(204, 193, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(204, 193, 225); box-shadow:4px 4px 4px 4px rgb(204, 193, 225) }
```

# Background

The CSS property to change the background color of an element to RGB 204, 193, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 193, 225) }
```

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

```
.background{ background-color: rgb(204,  
193, 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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