

Converting Colors

RGB(207, 135, 193)

Have a look what the booklet for
RGB(207, 135, 193) contains.

RGB(207, 135, 193)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(207, 135, 193)

Conversions

Conversions Part 1

Format	Color
Hex	CF87C1
RGB	207, 135, 193
RGB Percent	81%, 53%, 76%
CMY	0.1882, 0.4706, 0.2431
CMYK	0.00, 0.35, 0.07, 0.19
HSL	312°, 43%, 67%
HSV	312°, 35%, 81%
XYZ	44.0217, 34.4436, 54.7802
YIQ	163.1400, 24.2940, 33.3020

Conversions

Conversions Part 2

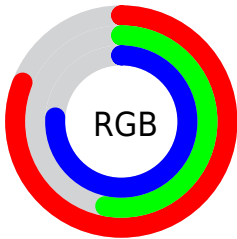
Format	Color
R_{YB}	207, 135, 193
Decimal	13600705
CIE _{Lab}	65.31, 36.37, -18.87
CIE _{LCh}	65, 40.971, 332.571
Yxy	34.4436, 0.3304, 0.2585
Android (android.graphics.Color)	4291790785 (0xFFCF87C1)
YUV	163.1400, 14.7210, 38.4652
Hunter-Lab	58.6887, 31.1858, -14.2594

Details

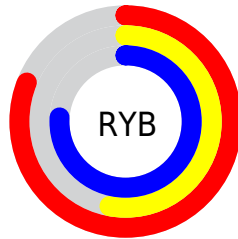
The RGB color **207, 135, 193** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **135, 207, 149**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **255, 189, 250**, and **151, 84, 139** is the 20% darker color. If you saturate the color by 10%, you get **207, 114, 189**, and if you desaturate by 10%, it is **207, 156, 197**.

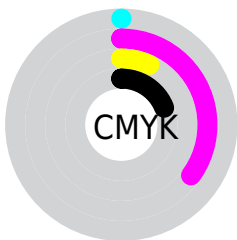
Distribution



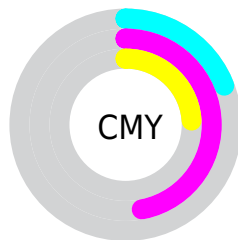
- Red (81%)
- Green (53%)
- Blue (76%)



- Red (81%)
- Yellow (53%)
- Blue (76%)



- Cyan (0%)
- Magenta (35%)
- Yellow (7%)
- Black (19%)



- Cyan (19%)
- Magenta (47%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 207, 135, 193 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, 135, 193 by changing the saturation by 10% instead.

 207, 135, 193

255, 255, 255


 255, 189, 250

 255, 217, 255

 255, 246, 255

 207, 135, 193

 179, 109, 166

 151, 84, 139

 125, 59, 114


 99, 34, 89


 73, 7, 66

 49, 0, 43

 24, 0, 22

 0, 0, 0

 207, 135, 193

 207, 135, 193

 207, 114, 189

 207, 156, 197

 207, 94, 185

 207, 176, 201

 207, 73, 181

 207, 197, 205

 207, 52, 177

 207, 218, 209

 207, 32, 173

 207, 239, 213

 207, 11, 169

 207, 255, 217

 207, 0, 167

 207, 255, 221

 207, 255, 225

 207, 255, 229

Harmonies

Analogous

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



166, 148, 220



207, 135, 193



227, 129, 157

Triad

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



207, 135, 193



179, 157, 84



0, 177, 197

Complementary

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



207, 135, 193



135, 207, 149

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.



20, 178, 161



207, 135, 193



140, 168, 95

Square

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



207, 135, 193



209, 145, 94



94, 175, 123



0, 171, 223

Rectangle

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



207, 135, 193



229, 131, 132



94, 175, 123



0, 177, 185

Sweetspot

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



207, 135, 193



255, 230, 250



148, 135, 207



128, 112, 125



0, 0, 0



128, 128, 128

Same Dimension

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



207, 135, 193



255, 148, 234



207, 135, 158



105, 94, 103



168, 0, 136



41, 0, 33

Inverse Universe

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



207, 135, 193



255, 148, 234



135, 207, 184



105, 94, 103



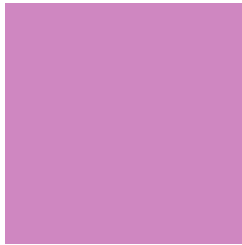
168, 0, 136



41, 0, 33

Previews

White Background



This preview shows how the RGB color 207, 135, 193 looks on a white background.

Color Contrast Check

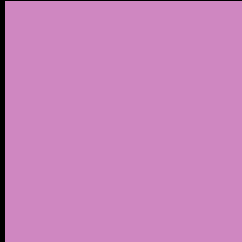
Large Text (above 18pt) WCAG AA × Fail

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, 135, 193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

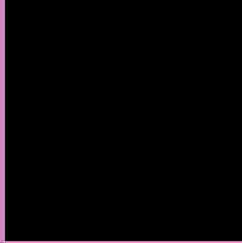
Any Text WCAG AA ✓ Pass

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, 135, 193 Background



This preview shows how black text looks on a background with the RGB color 207, 135, 193.

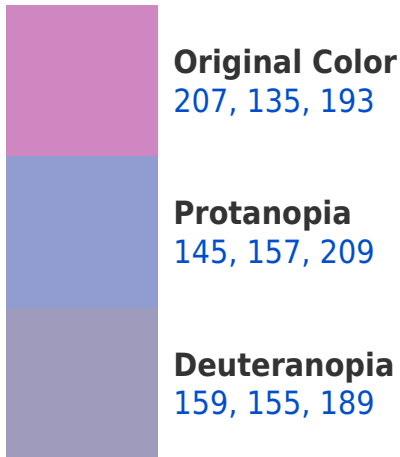



This preview shows how white text looks on a background with the RGB color 207, 135, 193.

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





Tritanopia

202, 143, 154

Trichromacy



Original Color

207, 135, 193



Protanomaly

168, 149, 203



Deuteranomaly

176, 148, 190



Tritanomaly

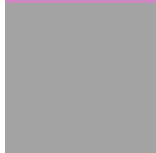
204, 140, 168

Monochromacy



Original Color

207, 135, 193



Achromatopsia

163, 163, 163



Achromatomaly

179, 153, 174

CSS Examples

Text

The CSS property to change the color of the text to RGB 207, 135, 193 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, 135, 193)` looks like.

```
.text, #text, p{  
    color:rgb(207, 135, 193)  
}
```

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, 135, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 135, 193) }
```

Border

The CSS property to change the border of an element to RGB 207, 135, 193 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, 135, 193) }
```

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

```
.border{ border-color:rgb(207, 135, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 135, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 135, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 135, 193);  
box-shadow:4px 4px 4px 4px rgb(207, 135,  
193) }
```

Background

The CSS property to change the background color of an element to RGB 207, 135, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 135, 193) }
```

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

```
.background{ background-color: rgb(207,  
135, 193) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor