

Converting Colors

RGB(213, 157, 187)

Have a look what the booklet for
RGB(213, 157, 187) contains.

RGB(213, 157, 187)	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(213, 157, 187)

Conversions

Conversions Part 1

Format	Color
Hex	D59DBB
RGB	213, 157, 187
RGB Percent	84%, 62%, 73%
CMY	0.1647, 0.3843, 0.2667
CMYK	0.00, 0.26, 0.12, 0.16
HSL	328°, 40%, 73%
HSV	328°, 26%, 84%
XYZ	48.4672, 41.8479, 52.5367
YIQ	177.1640, 23.7460, 21.2020

Conversions

Conversions Part 2

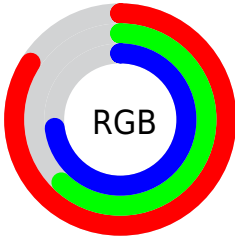
Format	Color
R_{YB}	213, 157, 187
Decimal	13999547
CIE _{Lab}	70.77, 25.47, -7.27
CIE _{LCh}	71, 26.486, 344.068
Yxy	41.8479, 0.3393, 0.2929
Android (android.graphics.Color)	4292189627 (0xFFD59DBB)
YUV	177.1640, 4.8491, 31.4282
Hunter-Lab	64.6900, 20.5287, -2.8682

Details

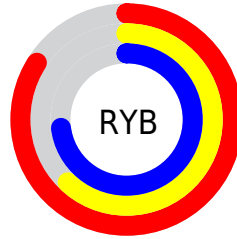
The RGB color **213, 157, 187** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **157, 213, 183**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **255, 212, 243**, and **158, 105, 134** is the 20% darker color. If you saturate the color by 10%, you get **213, 136, 177**, and if you desaturate by 10%, it is **213, 178, 197**.

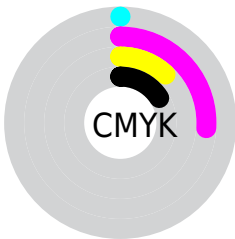
Distribution



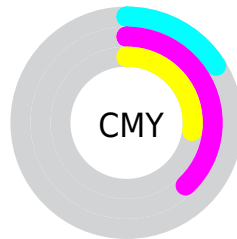
- Red (84%)
- Green (62%)
- Blue (73%)



- Red (84%)
- Yellow (62%)
- Blue (73%)



- Cyan (0%)
- Magenta (26%)
- Yellow (12%)
- Black (16%)



- Cyan (16%)
- Magenta (38%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 213, 157, 187 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, 157, 187 by changing the saturation by 10% instead.


 213, 157, 187

255, 255, 255


 255, 212, 243


 255, 240, 255

 213, 157, 187

 185, 131, 160

 158, 105, 134

 131, 80, 109

 105, 57, 84

 80, 34, 61

 56, 11, 39

 37, 0, 19


 0, 0, 0

 213, 157, 187


 213, 157, 187

 213, 136, 177


 213, 178, 197

 213, 114, 167


 213, 200, 207

 213, 93, 157


 213, 221, 217

 213, 72, 147


 213, 242, 227

 213, 51, 138


 213, 255, 236

 213, 29, 128

 213, 255, 246

 213, 8, 118

 213, 255, 255

 213, 0, 114

Harmonies

Analogous

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



191, 163, 208



213, 157, 187



222, 156, 162

Triad

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



213, 157, 187



179, 175, 126



103, 185, 206

Complementary

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



213, 157, 187



157, 213, 183

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.



105, 187, 184



213, 157, 187



152, 182, 138

Square

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



213, 157, 187



202, 167, 127



125, 186, 159



126, 179, 219

Rectangle

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



213, 157, 187



221, 158, 147



125, 186, 159



101, 186, 199

Sweetspot

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



213, 157, 187



255, 235, 246



182, 157, 213



128, 115, 122



0, 0, 0



128, 128, 128

Same Dimension

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



213, 157, 187



255, 173, 217



213, 157, 160



107, 96, 102



171, 0, 92



43, 0, 23

Inverse Universe

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



213, 157, 187



255, 173, 217



157, 213, 210



107, 96, 102



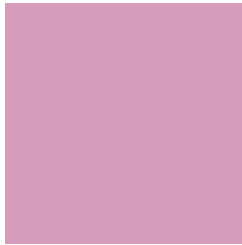
171, 0, 92



43, 0, 23

Previews

White Background



This preview shows how the RGB color 213, 157, 187 looks on a white background.

Color Contrast Check

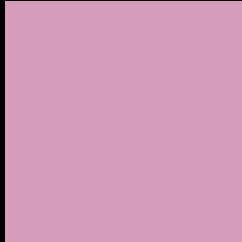
Large Text (above 18pt) WCAG AA × Fail

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, 157, 187 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, 157, 187 Background



This preview shows how black text looks on a background with the RGB color 213, 157, 187.

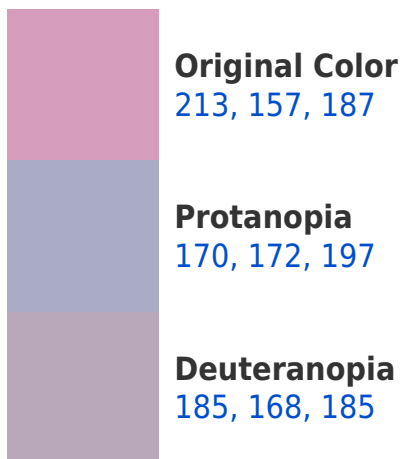



This preview shows how white text looks on a background with the RGB color 213, 157, 187.

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
211, 160, 172

Trichromacy



Original Color
213, 157, 187

Protanomaly
186, 167, 193

Deuteranomaly
195, 164, 186

Tritanomaly
212, 159, 177

Monochromacy



Original Color
213, 157, 187

Achromatopsia
177, 177, 177

Achromatomaly
190, 170, 181

CSS Examples

Text

The CSS property to change the color of the text to RGB 213, 157, 187 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, 157, 187) looks like.

```
.text, #text, p{  
    color:rgb(213, 157, 187)  
}
```

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, 157, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 157, 187) }
```

Border

The CSS property to change the border of an element to RGB 213, 157, 187 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, 157, 187) }
```

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

```
.border{ border-color:rgb(213, 157, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 157, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 157, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 157, 187);  
box-shadow:4px 4px 4px 4px rgb(213, 157,  
187) }
```

Background

The CSS property to change the background color of an element to RGB 213, 157, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 157, 187) }
```

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

```
.background{ background-color: rgb(213,  
157, 187) }
```

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