

Converting Colors

RGB(202, 137, 186)

Have a look what the booklet for
RGB(202, 137, 186) contains.

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Color

RGB(202, 137, 186)

Conversions

Conversions Part 1

Format	Color
Hex	CA89BA
RGB	202, 137, 186
RGB Percent	79%, 54%, 73%
CMY	0.2078, 0.4627, 0.2706
CMYK	0.00, 0.32, 0.08, 0.21
HSL	315°, 38%, 66%
HSV	315°, 32%, 79%
XYZ	42.1657, 33.9930, 50.7933
YIQ	162.0210, 23.0110, 29.0190

Conversions

Conversions Part 2

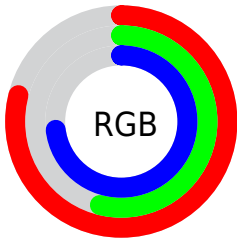
Format	Color
R _Y B	202, 137, 186
Decimal	13273530
CIE Lab	64.96, 32.39, -15.53
CIE LCh	65, 35.917, 334.379
Yxy	33.9930, 0.3321, 0.2678
Android (android.graphics.Color)	4291463610 (0xFFCA89BA)
YUV	162.0210, 11.8216, 35.0616
Hunter-Lab	58.3036, 27.0617, -10.8402

Details

The RGB color **202, 137, 186** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **137, 202, 153**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **255, 191, 242**, and **147, 86, 133** is the 20% darker color. If you saturate the color by 10%, you get **202, 117, 181**, and if you desaturate by 10%, it is **202, 157, 191**.

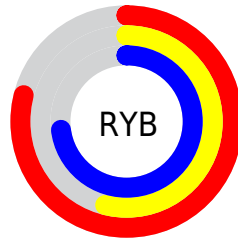
Distribution



Red (79%)

Green (54%)

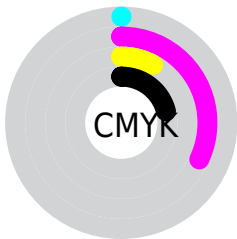
Blue (73%)



Red (79%)

Yellow (54%)

Blue (73%)

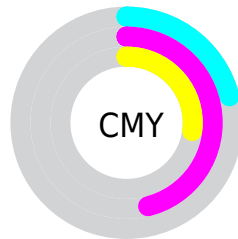


Cyan (0%)

Magenta (32%)

Yellow (8%)

Black (21%)



Cyan (21%)

Magenta (46%)

Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the RGB color 202, 137, 186 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 202, 137, 186 by changing the saturation by 10% instead.


 202, 137, 186


255, 255, 255

 255, 191, 242

 255, 219, 255


 255, 248, 255

 202, 137, 186

 174, 111, 159

 147, 86, 133

 120, 61, 107


 95, 38, 83


 70, 13, 60

 46, 0, 38

 18, 0, 16

 0, 0, 0

 202, 137, 186

 202, 137, 186

202, 117, 181

202, 157, 191

202, 97, 176

202, 177, 196

202, 76, 171

202, 198, 201

202, 56, 166

202, 218, 206

202, 36, 161

202, 238, 211

202, 16, 156

202, 255, 216

202, 0, 152

202, 255, 221

202, 255, 226

202, 255, 231

Harmonies

Analogous

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



167, 148, 211



202, 137, 186



219, 132, 154

Triad

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



202, 137, 186



174, 157, 93



8, 174, 193

Complementary

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



202, 137, 186



137, 202, 153

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.



55, 175, 161



202, 137, 186



140, 166, 103

Square

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



202, 137, 186



201, 146, 100



101, 172, 129



60, 168, 215

Rectangle

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



202, 137, 186



220, 134, 133



101, 172, 129



20, 174, 183

Sweetspot

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



202, 137, 186



255, 230, 249



152, 137, 202



128, 112, 124



0, 0, 0



128, 128, 128

Same Dimension

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



202, 137, 186



255, 156, 231



202, 137, 154



102, 92, 99



166, 0, 125



38, 0, 29

Inverse Universe

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



202, 137, 186



255, 156, 231



137, 202, 185



102, 92, 99



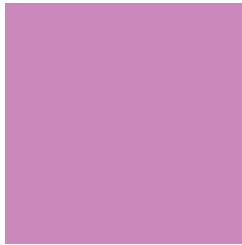
166, 0, 125



38, 0, 29

Previews

White Background



This preview shows how the RGB color 202, 137, 186 looks on a white background.

Color Contrast Check

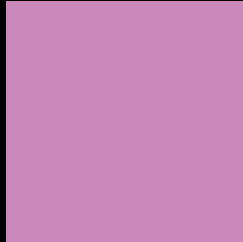
Large Text (above 18pt) WCAG AA × Fail

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 202, 137, 186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

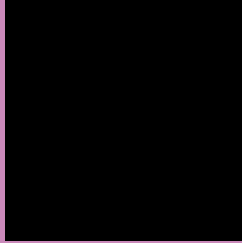
Any Text WCAG AA ✓ Pass

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 202, 137, 186 Background



This preview shows how black text looks on a background with the RGB color 202, 137, 186.

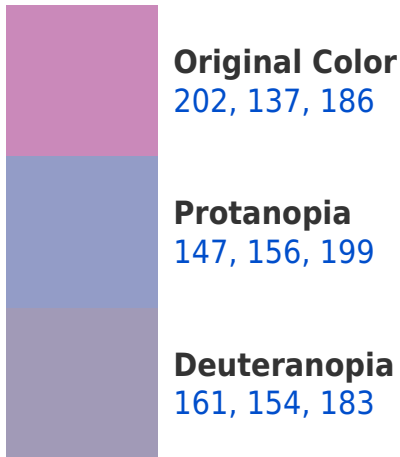



This preview shows how white text looks on a background with the RGB color 202, 137, 186.

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](#).

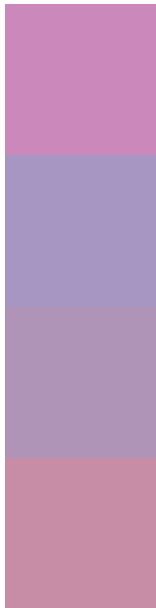
Dichromacy





Tritanopia
198, 143, 154

Trichromacy



Original Color
202, 137, 186

Protanomaly
167, 149, 194

Deuteranomaly
176, 148, 184

Tritanomaly
199, 141, 166

Monochromacy



Original Color
202, 137, 186

Achromatopsia
162, 162, 162

Achromatomaly
177, 153, 171

CSS Examples

Text

The CSS property to change the color of the text to RGB 202, 137, 186 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(202, 137, 186)` looks like.

```
.text, #text, p{  
    color:rgb(202, 137, 186)  
}
```

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(202, 137, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 137, 186) }
```

Border

The CSS property to change the border of an element to RGB 202, 137, 186 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(202, 137, 186) }
```

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

```
.border{ border-color:rgb(202, 137, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 137, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 137, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 137, 186);  
box-shadow:4px 4px 4px 4px rgb(202, 137,  
186) }
```

Background

The CSS property to change the background color of an element to RGB 202, 137, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 137, 186) }
```

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

```
.background{ background-color: rgb(202,  
137, 186) }
```

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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