

Converting Colors

RGB(204, 135, 162)

Have a look what the booklet for
RGB(204, 135, 162) contains.

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Color

RGB(204, 135, 162)

Conversions

Conversions Part 1

Format	Color
Hex	CC87A2
RGB	204, 135, 162
RGB Percent	80%, 53%, 64%
CMY	0.2000, 0.4706, 0.3647
CMYK	0.00, 0.34, 0.21, 0.20
HSL	337°, 40%, 66%
HSV	337°, 34%, 80%
XYZ	40.0874, 32.7740, 38.3956
YIQ	158.7090, 32.4570, 23.0250

Conversions

Conversions Part 2

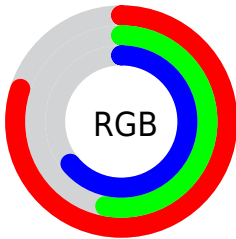
Format	Color
RYB	204, 135, 162
Decimal	13404066
CIELab	63.98, 30.24, -3.41
CIElCh	64, 30.428, 353.573
Yxy	32.7740, 0.3603, 0.2946
Android (android.graphics.Color)	4291594146 (0xFFCC87A2)
YUV	158.7090, 1.6225, 39.7202
Hunter-Lab	57.2485, 24.8069, 0.3092

Details

The RGB color **204, 135, 162** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **135, 204, 177**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **255, 189, 217**, and **148, 84, 110** is the 20% darker color. If you saturate the color by 10%, you get **204, 115, 150**, and if you desaturate by 10%, it is **204, 155, 174**.

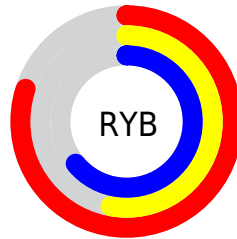
Distribution



Red (80%)

Green (53%)

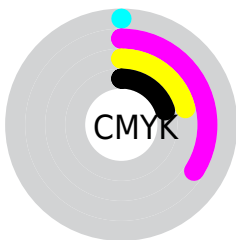
Blue (64%)



Red (80%)

Yellow (53%)

Blue (64%)

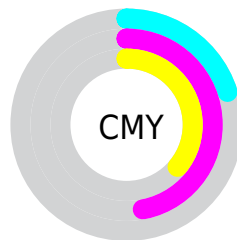


Cyan (0%)

Magenta (34%)

Yellow (21%)

Black (20%)



Cyan (20%)


Magenta (47%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RGB color 204, 135, 162 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, 135, 162 by changing the saturation by 10% instead.

 204, 135, 162

 204, 135, 162

255, 255, 255

 176, 109, 136

 255, 189, 217

 148, 84, 110

 255, 217, 245

 122, 60, 86

 255, 246, 255


 96, 36, 63


 70, 11, 41


 47, 0, 21

 11, 0, 0

 0, 0, 0

 204, 135, 162

 204, 135, 162

 204, 115, 150

 204, 155, 174

 204, 94, 137


 204, 176, 187

 204, 74, 125

 204, 196, 199

 204, 53, 112

 204, 217, 212

 204, 33, 100

 204, 237, 224

 204, 13, 87

 204, 255, 237

 204, 0, 80

 204, 255, 249

 204, 255, 255

Harmonies

Analogous

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



184, 141, 188



204, 135, 162



209, 136, 135

Triad

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



204, 135, 162



152, 160, 105



72, 166, 198

Complementary

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



204, 135, 162



135, 204, 177

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.



64, 170, 176



204, 135, 162



120, 166, 122

Square

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



204, 135, 162



179, 151, 101



88, 169, 148



109, 159, 208

Rectangle

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



204, 135, 162



204, 140, 119



88, 169, 148



64, 168, 192

Sweetspot

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



204, 135, 162



255, 230, 239



176, 135, 204



128, 112, 118



0, 0, 0



128, 128, 128

Same Dimension

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



204, 135, 162



255, 150, 191



204, 142, 135



102, 92, 96



166, 0, 65



38, 0, 15

Inverse Universe

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



204, 135, 162



255, 150, 191



135, 197, 204



102, 92, 96



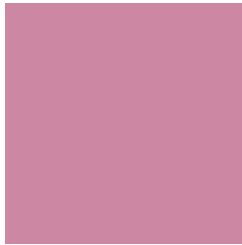
166, 0, 65



38, 0, 15

Previews

White Background



This preview shows how the RGB color 204, 135, 162 looks on a white background.

Color Contrast Check

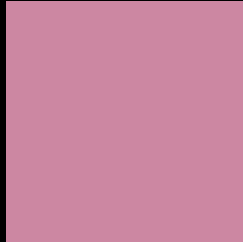
Large Text (above 18pt) WCAG AA × Fail

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, 135, 162 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, 135, 162 Background



This preview shows how black text looks on a background with the RGB color 204, 135, 162.



This preview shows how white text looks on a background with the RGB color 204, 135, 162.

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, 135, 162

Protanopia
153, 154, 174

Deuteranopia
169, 151, 159



Tritanopia
202, 137, 148

Trichromacy



Original Color
204, 135, 162

Protanomaly
172, 147, 170

Deuteranomaly
182, 145, 160

Tritanomaly
203, 136, 153

Monochromacy



Original Color
204, 135, 162

Achromatopsia
159, 159, 159

Achromatomaly
175, 150, 160

CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 135, 162 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, 135, 162) looks like.

```
.text, #text, p{  
    color:rgb(204, 135, 162)  
}
```

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, 135, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 135, 162) }
```

Border

The CSS property to change the border of an element to RGB 204, 135, 162 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, 135, 162) }
```

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

```
.border{ border-color:rgb(204, 135, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 135, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 135, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 135, 162);  
box-shadow:4px 4px 4px 4px rgb(204, 135,  
162) }
```

Background

The CSS property to change the background color of an element to RGB 204, 135, 162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 135, 162) }
```

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

```
.background{ background-color: rgb(204,  
135, 162) }
```

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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