

Converting Colors

RGB(204, 14, 127)

Have a look what the booklet for
RGB(204, 14, 127) contains.

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Color

RGB(204, 14, 127)

Conversions

Conversions Part 1

Format	Color
Hex	CC0E7F
RGB	204, 14, 127
RGB Percent	80%, 5%, 50%
CMY	0.2000, 0.9451, 0.5020
CMYK	0.00, 0.93, 0.38, 0.20
HSL	324°, 87%, 43%
HSV	324°, 93%, 80%
XYZ	28.8896, 14.6838, 21.3903
YIQ	83.6920, 76.9670, 75.4230

Conversions

Conversions Part 2

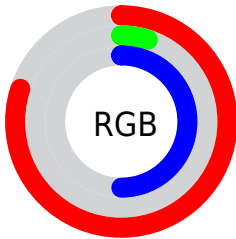
Format	Color
R_{YB}	204, 14, 127
Decimal	13373055
CIE _{Lab}	45.20, 72.40, -10.75
CIE _{LCh}	45, 73.189, 351.553
Yxy	14.6838, 0.4447, 0.2260
Android (android.graphics.Color)	4291563135 (0xFFCC0E7F)
YUV	83.6920, 21.3508, 105.5101
Hunter-Lab	38.3194, 67.5153, -6.2727

Details

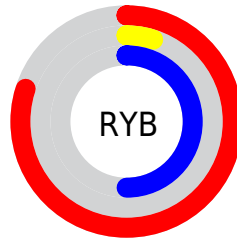
The RGB color **204, 14, 127** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **14, 204, 91**, and the grayscale version is **83, 83, 83**.

A 20% lighter version of the original color is **255, 92, 180**, and **144, 0, 78** is the 20% darker color. If you saturate the color by 10%, you get **204, 0, 121**, and if you desaturate by 10%, it is **204, 34, 135**.

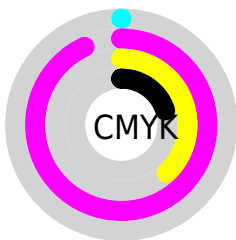
Distribution



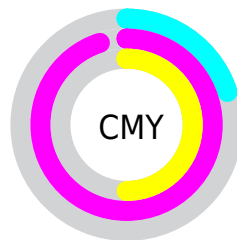
- Red (80%)
- Green (5%)
- Blue (50%)



- Red (80%)
- Yellow (5%)
- Blue (50%)



- Cyan (0%)
- Magenta (93%)
- Yellow (38%)
- Black (20%)



- Cyan (20%)
- Magenta (95%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RGB color 204, 14, 127 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, 14, 127 by changing the saturation by 10% instead.

 204, 14, 127

 204, 14, 127

255, 255, 255

 174, 0, 102

 255, 92, 180

 144, 0, 78

 255, 122, 207

 115, 0, 55

 255, 152, 235

 86, 0, 34

 255, 181, 255


 58, 0, 8

 255, 211, 255

 20, 0, 0

 255, 241, 255

 0, 0, 0

 204, 14, 127

 204, 14, 127


 204, 0, 121

 204, 34, 135


 204, 55, 144


 204, 75, 152


 204, 96, 160

 204, 116, 168

 204, 136, 177

 204, 157, 185

 204, 177, 193

 204, 198, 201

Harmonies

Analogous

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



161, 64, 184



204, 14, 127



210, 24, 67

Triad

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



204, 14, 127



88, 117, 0



0, 130, 203

Complementary

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



204, 14, 127



14, 204, 91

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.



0, 133, 150



204, 14, 127



0, 127, 15

Square

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



204, 14, 127



145, 98, 0



0, 131, 87



0, 120, 229

Rectangle

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



204, 14, 127



197, 55, 26



0, 131, 87



0, 131, 188

Sweetspot

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



204, 14, 127



255, 184, 226



90, 14, 204



128, 84, 110



0, 0, 0



128, 128, 128

Same Dimension

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



204, 14, 127



255, 0, 152



204, 14, 33



102, 92, 98



166, 0, 99



38, 0, 23

Inverse Universe

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



204, 14, 127



255, 0, 152



14, 204, 185



102, 92, 98



166, 0, 99



38, 0, 23

Previews

White Background



This preview shows how the RGB color 204, 14, 127 looks on a white 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 × Fail

Black Background



This preview shows how the RGB color 204, 14, 127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

RGB 204, 14, 127 Background



This preview shows how black text looks on a background with the RGB color 204, 14, 127.

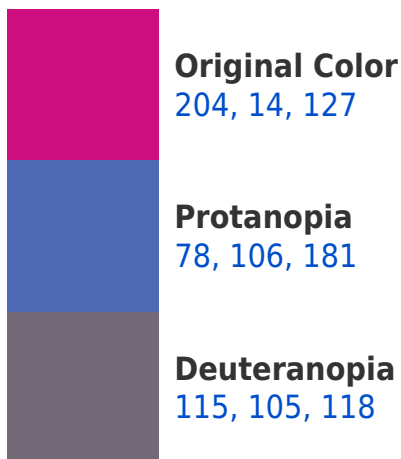


This preview shows how white text looks on a background with the RGB color 204, 14, 127.

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
200, 51, 53

Trichromacy



Original Color

204, 14, 127



Protanomaly

124, 73, 161



Deuteranomaly

147, 72, 121



Tritanomaly

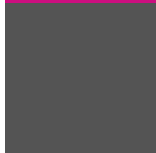
201, 38, 80

Monochromacy



Original Color

204, 14, 127



Achromatopsia

84, 84, 84



Achromatomaly

128, 59, 100

CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 14, 127 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, 14, 127)` looks like.

```
.text, #text, p{  
    color:rgb(204, 14, 127)  
}
```

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, 14, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 14, 127) }
```

Border

The CSS property to change the border of an element to RGB 204, 14, 127 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, 14, 127) }
```

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

```
.border{ border-color:rgb(204, 14, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 14, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 14, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 14, 127);  
box-shadow:4px 4px 4px 4px rgb(204, 14,  
127) }
```

Background

The CSS property to change the background color of an element to RGB 204, 14, 127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 14, 127) }
```

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

```
.background{ background-color: rgb(204, 14,  
127) }
```

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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