

Converting Colors

RGB(172, 129, 164)

Have a look what the booklet for
RGB(172, 129, 164) contains.

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Color

RGB(172, 129, 164)

Conversions

Conversions Part 1

Format	Color
Hex	AC81A4
RGB	172, 129, 164
RGB Percent	67%, 51%, 64%
CMY	0.3255, 0.4941, 0.3569
CMYK	0.00, 0.25, 0.05, 0.33
HSL	311°, 21%, 59%
HSV	311°, 25%, 67%
XYZ	31.5644, 27.1515, 38.6991
YIQ	145.8470, 14.3930, 20.0010

Conversions

Conversions Part 2

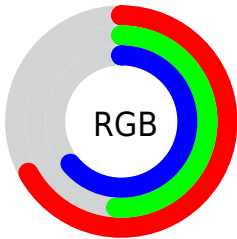
Format	Color
R _Y B	172, 129, 164
Decimal	11305380
CIE Lab	59.11, 22.48, -12.16
CIE LCh	59, 25.560, 331.587
Yxy	27.1515, 0.3240, 0.2787
Android (android.graphics.Color)	4289495460 (0xFFAC81A4)
YUV	145.8470, 8.9494, 22.9362
Hunter-Lab	52.1071, 16.9406, -7.5587

Details

The RGB color **172, 129, 164** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **129, 172, 137**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **228, 182, 219**, and **119, 79, 112** is the 20% darker color. If you saturate the color by 10%, you get **172, 112, 161**, and if you desaturate by 10%, it is **172, 146, 167**.

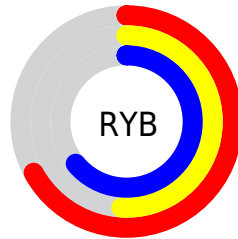
Distribution



Red (67%)

Green (51%)

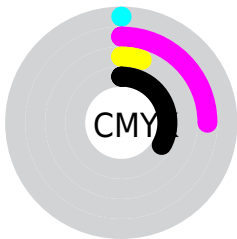
Blue (64%)



Red (67%)

Yellow (51%)

Blue (64%)

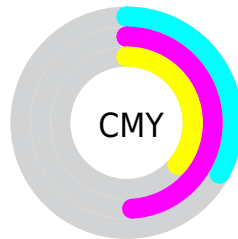


Cyan (0%)

Magenta (25%)

Yellow (5%)

Black (33%)



Cyan (33%)

Magenta (49%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RGB color 172, 129, 164 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 172, 129, 164 by changing the saturation by 10% instead.


 172, 129, 164

255, 255, 255

 228, 182, 219


 255, 210, 247

 255, 238, 255

 172, 129, 164

 145, 104, 138

 119, 79, 112

 94, 56, 88

 70, 33, 64


 47, 12, 42

 27, 0, 22

 0, 0, 0

 172, 129, 164

 172, 112, 161

 172, 129, 164

 172, 146, 167

172, 95, 158

172, 163, 170

172, 77, 154

172, 181, 174

172, 60, 151

172, 198, 177

172, 43, 148

172, 215, 180

172, 26, 145

172, 232, 183

172, 9, 142

172, 249, 186

172, 0, 140

172, 255, 190

172, 255, 193

Harmonies

Analogous

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



147, 136, 180



172, 129, 164



185, 126, 142

Triad

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



172, 129, 164



157, 141, 97



71, 154, 165

Complementary

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



172, 129, 164



129, 172, 137

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.



83, 155, 143



172, 129, 164



133, 148, 104

Square

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



172, 129, 164



176, 134, 104



107, 153, 120



85, 150, 181

Rectangle

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



172, 129, 164



187, 126, 127



107, 153, 120



73, 155, 158

Sweetspot

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



172, 129, 164



224, 206, 221



137, 129, 172



112, 101, 110



240, 240, 240



112, 112, 112

Same Dimension

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



172, 129, 164



224, 157, 212



172, 129, 143



87, 78, 85



150, 0, 122



23, 0, 19

Inverse Universe

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



172, 129, 164



224, 157, 212



129, 172, 158



87, 78, 85



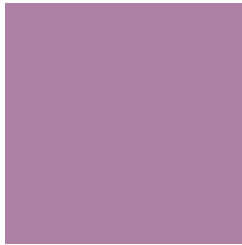
150, 0, 122



23, 0, 19

Previews

White Background



This preview shows how the RGB color 172, 129, 164 looks on a white background.

Color Contrast Check

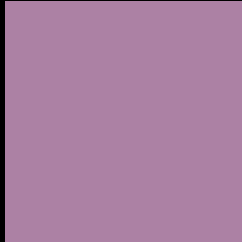
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RGB color 172, 129, 164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

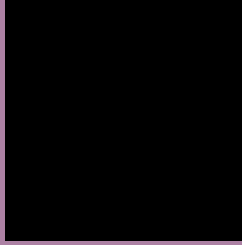
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

RGB 172, 129, 164 Background



This preview shows how black text looks on a background with the RGB color 172, 129, 164.



This preview shows how white text looks on a background with the RGB color 172, 129, 164.

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

172, 129, 164

Protanopia

136, 141, 172

Deuteranopia

147, 139, 162



Tritanopia
169, 133, 143

Trichromacy



Original Color
172, 129, 164

Protanomaly
149, 137, 169

Deuteranomaly
156, 135, 163

Tritanomaly
170, 132, 151

Monochromacy



Original Color
172, 129, 164

Achromatopsia
146, 146, 146

Achromatomaly
155, 140, 153

CSS Examples

Text

The CSS property to change the color of the text to RGB 172, 129, 164 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(172, 129, 164)` looks like.

```
.text, #text, p{  
    color:rgb(172, 129, 164)  
}
```

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(172, 129, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 129, 164) }
```

Border

The CSS property to change the border of an element to RGB 172, 129, 164 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(172, 129, 164) }
```

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

```
.border{ border-color:rgb(172, 129, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 129, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 129, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 129, 164);  
box-shadow:4px 4px 4px 4px rgb(172, 129,  
164) }
```

Background

The CSS property to change the background color of an element to RGB 172, 129, 164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 129, 164) }
```

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

```
.background{ background-color: rgb(172,  
129, 164) }
```

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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