

# Converting Colors

RGB(175, 139, 127)

Have a look what the booklet for  
RGB(175, 139, 127) contains.

<b>RGB(175, 139, 127)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**RGB(175, 139, 127)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AF8B7F
RGB	175, 139, 127
RGB Percent	69%, 55%, 50%
CMY	0.3137, 0.4549, 0.5020
CMYK	0.00, 0.21, 0.27, 0.31
HSL	15°, 23%, 59%
HSV	15°, 27%, 69%
XYZ	30.7426, 29.1115, 24.0774
YIQ	148.3960, 25.3080, 3.9000

# Conversions

## Conversions Part 2

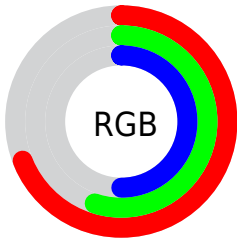
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	175, 143, 127
Decimal	11504511
CIE <sub>Lab</sub>	60.88, 11.84, 11.61
CIE <sub>LCh</sub>	61, 16.581, 44.436
Yxy	29.1115, 0.3663, 0.3468
Android (android.graphics.Color)	4289694591 (0xFFAF8B7F)
YUV	148.3960, -10.5482, 23.3317
Hunter-Lab	53.9551, 7.2845, 11.3104

# Details

The RGB color **175, 139, 127** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **127, 163, 175**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **231, 193, 180**, and **122, 89, 78** is the 20% darker color. If you saturate the color by 10%, you get **175, 126, 110**, and if you desaturate by 10%, it is **175, 152, 145**.

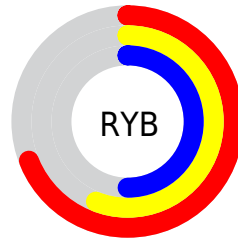
# Distribution



Red (69%)

Green (55%)

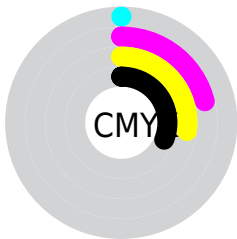
Blue (50%)



Red (69%)

Yellow (56%)

Blue (50%)

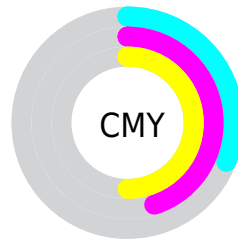


Cyan (0%)

Magenta (21%)

Yellow (27%)

Black (31%)



Cyan (31%)

Magenta (45%)

Yellow (50%)

# Brightness & Saturation Gradients


These gradients show how the RGB color 175, 139, 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 175, 139, 127 by changing the saturation by 10% instead.



 175, 139, 127


255, 255, 255

 231, 193, 180

 255, 220, 207


 255, 249, 235


 175, 139, 127

 148, 113, 102

 122, 89, 78

 96, 65, 55

 71, 43, 34

 48, 22, 12

 27, 0, 0


 0, 0, 0

 175, 139, 127


 175, 126, 110

 175, 139, 127

 175, 152, 145

 175, 113, 92

 175, 165, 162

 175, 100, 75

 175, 178, 180

 175, 86, 57

 175, 192, 197

 175, 73, 39

 175, 205, 215

 175, 60, 22

 175, 218, 232

 175, 47, 4

 175, 231, 250

 175, 44, 0

 175, 244, 255

 175, 255, 255

# Harmonies

## Analogous

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



177, 137, 140



175, 139, 127



165, 143, 119

# Triad

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



175, 139, 127



119, 155, 139



140, 146, 175

# Complementary

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



175, 139, 127



127, 163, 175

# 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.



121, 150, 175



175, 139, 127



109, 155, 154

# Square

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



175, 139, 127



134, 152, 126



109, 154, 167



158, 141, 168

# Rectangle

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



175, 139, 127



156, 147, 118



109, 154, 167



133, 147, 176



# Sweetspot

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



175, 139, 127



227, 213, 209



175, 127, 163



115, 106, 103



242, 242, 242



115, 115, 115



# Same Dimension

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



175, 139, 127



227, 171, 152



175, 162, 127



87, 80, 78



150, 38, 0



23, 6, 0



# Inverse Universe

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



127, 163, 175



152, 208, 227



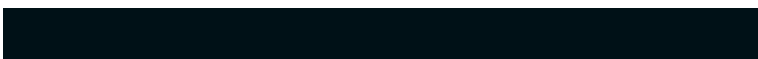
127, 140, 175



78, 85, 87



0, 113, 150



0, 17, 23



# Previews

## White Background



This preview shows how the RGB color 175, 139, 127 looks on a white background.

## Color Contrast Check

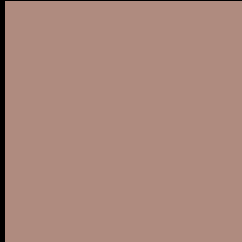
Large Text (above 18pt) WCAG AA ✓ Pass

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 175, 139, 127 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

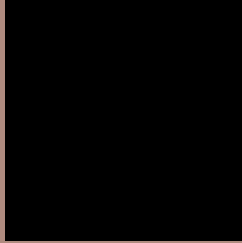
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## RGB 175, 139, 127 Background



This preview shows how black text looks on a background with the RGB color 175, 139, 127.



This preview shows how white text looks on a background with the RGB color 175, 139, 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



**Original Color**  
175, 139, 127

**Protanopia**  
153, 147, 131

**Deuteranopia**  
169, 142, 127



**Tritanopia**  
177, 136, 147

# Trichromacy



**Original Color**  
175, 139, 127

**Protanomaly**  
161, 144, 130

**Deuteranomaly**  
171, 141, 127

**Tritanomaly**  
176, 137, 140

# Monochromacy



**Original Color**  
175, 139, 127

**Achromatopsia**  
148, 148, 148

**Achromatomaly**  
158, 145, 140

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 175, 139, 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(175, 139, 127) looks like.

```
.text, #text, p{  
    color:rgb(175, 139, 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(175, 139, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 139, 127) }
```

## Border

The CSS property to change the border of an element to RGB 175, 139, 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(175, 139, 127) }
```

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

```
.border{ border-color:rgb(175, 139, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 139, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 139, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 139, 127);  
box-shadow:4px 4px 4px 4px rgb(175, 139,  
127) }
```

# Background

The CSS property to change the background color of an element to RGB 175, 139, 127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 139, 127) }
```

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

```
.background{ background-color: rgb(175,  
139, 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](#).



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