

Converting Colors

RGB(204, 137, 103)

Have a look what the booklet for
RGB(204, 137, 103) contains.

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Color

RGB(204, 137, 103)

Conversions

Conversions Part 1

Format	Color
Hex	CC8967
RGB	204, 137, 103
RGB Percent	80%, 54%, 40%
CMY	0.2000, 0.4627, 0.5961
CMYK	0.00, 0.33, 0.50, 0.20
HSL	20°, 50%, 60%
HSV	20°, 50%, 80%
XYZ	36.2957, 31.7080, 17.0392
YIQ	153.1570, 50.8460, 3.6300

Conversions

Conversions Part 2

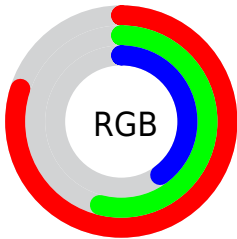
Format	Color
RYB	204, 154, 103
Decimal	13404519
CIELab	63.10, 21.80, 28.60
CIELCh	63, 35.964, 52.688
Yxy	31.7080, 0.4268, 0.3728
Android (android.graphics.Color)	4291594599 (0xFFCC8967)
YUV	153.1570, -24.7274, 44.5893
Hunter-Lab	56.3098, 16.5137, 21.4759

Details

The RGB color **204, 137, 103** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **103, 170, 204**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **255, 191, 154**, and **147, 87, 55** is the 20% darker color. If you saturate the color by 10%, you get **204, 123, 83**, and if you desaturate by 10%, it is **204, 151, 123**.

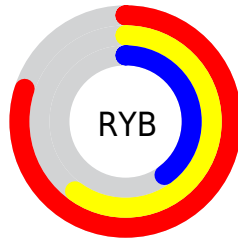
Distribution



Red (80%)

Green (54%)

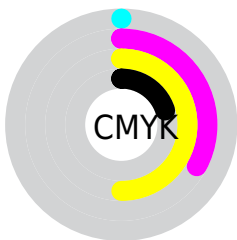
Blue (40%)



Red (80%)

Yellow (60%)

Blue (40%)

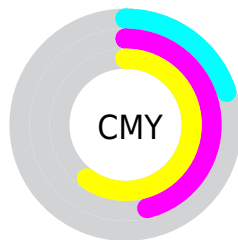


Cyan (0%)

Magenta (33%)

Yellow (50%)

Black (20%)



Cyan (20%)

Magenta (46%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RGB color 204, 137, 103 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, 137, 103 by changing the saturation by 10% instead.

 204, 137, 103

255, 255, 255

 255, 191, 154

 255, 219, 181


 255, 247, 209

 255, 255, 237

 204, 137, 103

 175, 111, 79

 147, 87, 55

 119, 63, 33

 92, 40, 11

 66, 18, 0


 41, 0, 0

 0, 0, 0

 204, 137, 103

 204, 123, 83

 204, 137, 103

 204, 151, 123

■ 204, 110, 62

■ 204, 164, 144

■ 204, 96, 42

■ 204, 178, 164

■ 204, 83, 21

■ 204, 191, 185

■ 204, 69, 1

■ 204, 205, 205

■ 204, 69, 0

■ 204, 218, 225

■ 204, 232, 246

■ 204, 245, 255

■ 204, 255, 255

Harmonies

Analogous

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



215, 129, 130



204, 137, 103



181, 148, 89

Triad

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



204, 137, 103



68, 169, 143



145, 147, 212

Complementary

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



204, 137, 103



103, 170, 204

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.



91, 158, 216



204, 137, 103



2, 169, 176

Square

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



204, 137, 103



112, 165, 113



24, 166, 203



185, 136, 192

Rectangle

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



204, 137, 103



160, 155, 89



24, 166, 203



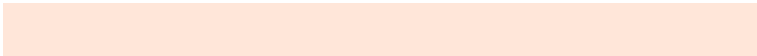
128, 151, 215

Sweetspot

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



204, 137, 103



255, 230, 217



204, 103, 170



128, 112, 105



0, 0, 0



128, 128, 128

Same Dimension

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



204, 137, 103



255, 155, 105



204, 187, 103



102, 95, 92



166, 56, 0



38, 13, 0

Inverse Universe

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



103, 170, 204



105, 204, 255



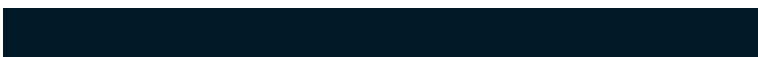
103, 120, 204



92, 99, 102



0, 110, 166



0, 25, 38

Previews

White Background



This preview shows how the RGB color 204, 137, 103 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, 137, 103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

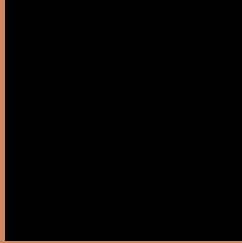
Any Text WCAG AA ✓ Pass

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, 137, 103 Background



This preview shows how black text looks on a background with the RGB color 204, 137, 103.

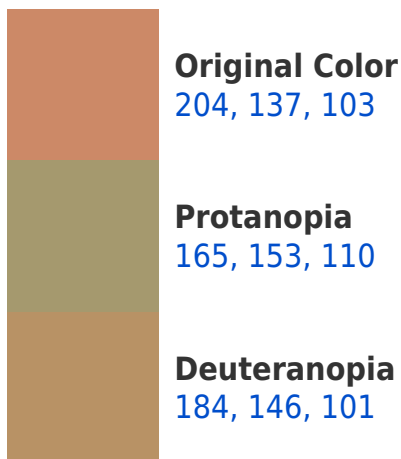


This preview shows how white text looks on a background with the RGB color 204, 137, 103.

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
207, 132, 142

Trichromacy



Original Color

204, 137, 103

Protanomaly

179, 147, 107

Deuteranomaly

191, 143, 102

Tritanomaly

206, 134, 128

Monochromacy



Original Color

204, 137, 103

Achromatopsia

153, 153, 153

Achromatomaly

172, 147, 135

CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 137, 103 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, 137, 103)` looks like.

```
.text, #text, p{  
    color:rgb(204, 137, 103)  
}
```

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, 137, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 137, 103) }
```

Border

The CSS property to change the border of an element to RGB 204, 137, 103 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, 137, 103) }
```

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

```
.border{ border-color:rgb(204, 137, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 137, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 137, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 137, 103);  
box-shadow:4px 4px 4px 4px rgb(204, 137,  
103) }
```

Background

The CSS property to change the background color of an element to RGB 204, 137, 103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 137, 103) }
```

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

```
.background{ background-color: rgb(204,  
137, 103) }
```

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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