

Converting Colors

RGB(228, 177, 149)

Have a look what the booklet for
RGB(228, 177, 149) contains.

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Color

RGB(228, 177, 149)

Conversions

Conversions Part 1

Format	Color
Hex	E4B195
RGB	228, 177, 149
RGB Percent	89%, 69%, 58%
CMY	0.1059, 0.3059, 0.4157
CMYK	0.00, 0.22, 0.35, 0.11
HSL	21°, 59%, 74%
HSV	21°, 35%, 89%
XYZ	53.1419, 50.1082, 35.3047
YIQ	189.0570, 39.3840, 2.1040

Conversions

Conversions Part 2

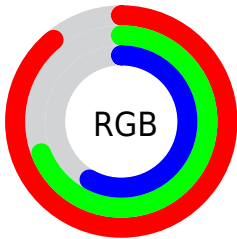
Format	Color
R _Y B	228, 192, 149
Decimal	14987669
CIE Lab	76.14, 14.77, 21.45
CIE LCh	76, 26.049, 55.447
Yxy	50.1082, 0.3835, 0.3616
Android (android.graphics.Color)	4293177749 (0xFFE4B195)
YUV	189.0570, -19.7481, 34.1530
Hunter-Lab	70.7871, 10.1274, 19.9804

Details

The RGB color **228, 177, 149** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **149, 200, 228**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **255, 233, 203**, and **171, 124, 98** is the 20% darker color. If you saturate the color by 10%, you get **228, 162, 126**, and if you desaturate by 10%, it is **228, 192, 172**.

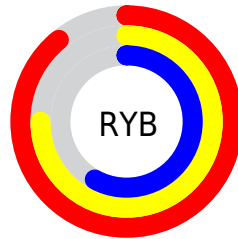
Distribution



Red (89%)

Green (69%)

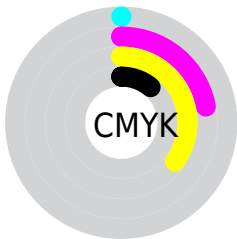
Blue (58%)



Red (89%)

Yellow (75%)

Blue (58%)

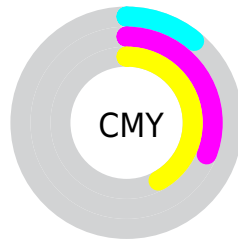


Cyan (0%)

Magenta (22%)

Yellow (35%)

Black (11%)



Cyan (11%)

Magenta (31%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 228, 177, 149 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 228, 177, 149 by changing the saturation by 10% instead.


 228, 177, 149

 228, 177, 149

255, 255, 255

 199, 150, 123


 255, 233, 203

 171, 124, 98


 255, 255, 231

 144, 99, 74

 117, 75, 51

 91, 52, 30

 66, 31, 6


 41, 10, 0

 0, 0, 0

 228, 177, 149


 228, 177, 149

 228, 162, 126


 228, 192, 172

 228, 148, 103


 228, 206, 195

 228, 133, 81

 228, 221, 217

 228, 118, 58

 228, 236, 240

 228, 103, 35

 228, 251, 255

 228, 89, 12

 228, 255, 255

 228, 81, 0

Harmonies

Analogous

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



237, 171, 168



228, 177, 149



209, 185, 140

Triad

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



228, 177, 149



131, 201, 183



187, 183, 231

Complementary

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



228, 177, 149



149, 200, 228

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.



153, 191, 235



228, 177, 149



118, 201, 207

Square

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



228, 177, 149



156, 198, 160



126, 197, 227



215, 175, 215

Rectangle

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



228, 177, 149



193, 190, 141



126, 197, 227



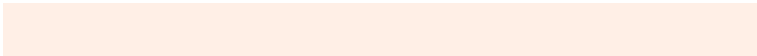
176, 186, 234

Sweetspot

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



228, 177, 149



255, 239, 230



228, 149, 200



128, 118, 112



0, 0, 0



128, 128, 128

Same Dimension

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



228, 177, 149



255, 186, 148



228, 216, 149



115, 107, 103



179, 63, 0



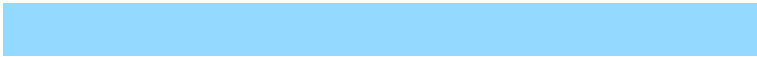
51, 18, 0

Inverse Universe

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



149, 200, 228



148, 217, 255



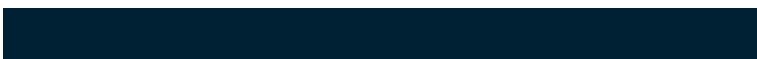
149, 161, 228



103, 111, 115



0, 115, 179



0, 33, 51

Previews

White Background



This preview shows how the RGB color 228, 177, 149 looks on a white background.

Color Contrast Check

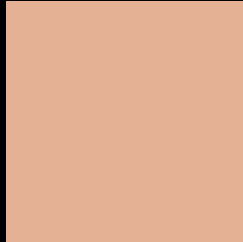
Large Text (above 18pt) WCAG AA × Fail

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 228, 177, 149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

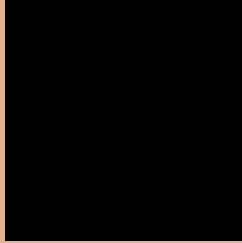
Any Text WCAG AA ✓ Pass

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 228, 177, 149 Background



This preview shows how black text looks on a background with the RGB color 228, 177, 149.



This preview shows how white text looks on a background with the RGB color 228, 177, 149.

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
228, 177, 149

Protanopia
199, 188, 154

Deuteranopia
220, 181, 148



Tritanopia
232, 172, 185

Trichromacy



Original Color

228, 177, 149

Protanomaly

210, 184, 152

Deuteranomaly

223, 180, 148

Tritanomaly

231, 174, 172

Monochromacy



Original Color

228, 177, 149

Achromatopsia

189, 189, 189

Achromatomaly

203, 185, 174

CSS Examples

Text

The CSS property to change the color of the text to RGB 228, 177, 149 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(228, 177, 149)` looks like.

```
.text, #text, p{  
    color:rgb(228, 177, 149)  
}
```

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(228, 177, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 177, 149) }
```

Border

The CSS property to change the border of an element to RGB 228, 177, 149 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(228, 177, 149) }
```

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

```
.border{ border-color:rgb(228, 177, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 177, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 177, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 177, 149);  
box-shadow:4px 4px 4px 4px rgb(228, 177,  
149) }
```

Background

The CSS property to change the background color of an element to RGB 228, 177, 149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 177, 149) }
```

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

```
.background{ background-color: rgb(228,  
177, 149) }
```

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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