

Converting Colors

`RYB(227, 177, 166)`

Have a look what the booklet for
RYB(227, 177, 166) contains.

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Color

R_YB(227, 177, 166)

Conversions

Conversions Part 1

Format	Color
Hex	E3AFA6
RGB	227, 175, 166
RGB Percent	89%, 69%, 65%
CMY	0.1098, 0.3125, 0.3490
CMYK	0.00, 0.23, 0.27, 0.11
HSL	9°, 52%, 77%
HSV	9°, 27%, 89%
XYZ	53.9537, 49.8685, 42.8583
YIQ	189.5220, 33.8810, 8.2250

Conversions

Conversions Part 2

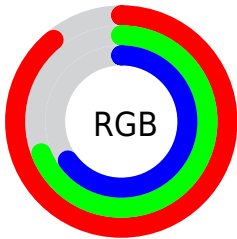
Format	Color
RYB	227, 177, 166
Decimal	14921638
CIELab	75.99, 17.50, 12.03
CIELCh	76, 21.231, 34.507
Yxy	49.8685, 0.3678, 0.3400
Android (android.graphics.Color)	4293111718 (0xFFE3AFA6)
YUV	189.5220, -11.5963, 32.8682
Hunter-Lab	70.6176, 12.7978, 13.4489

Details

The RYB color **227, 177, 166** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **166, 194, 227**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **255, 235, 221**, and **171, 123, 114** is the 20% darker color. If you saturate the color by 10%, you get **227, 158, 143**, and if you desaturate by 10%, it is **227, 196, 189**.

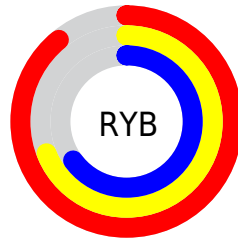
Distribution



Red (89%)

Green (69%)

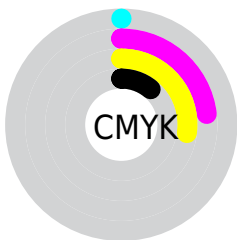
Blue (65%)



Red (89%)

Yellow (69%)

Blue (65%)

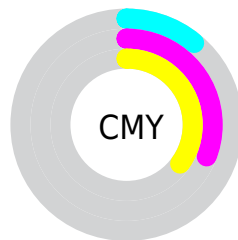


Cyan (0%)

Magenta (23%)

Yellow (27%)

Black (11%)



Cyan (11%)

Magenta (31%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 227, 177, 166 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 RYB color 227, 177, 166 by changing the saturation by 10% instead.


 227, 177, 166

 227, 177, 166

255, 255, 255

 198, 151, 140


 255, 235, 221


 171, 125, 114

 250, 255, 250


 143, 99, 90

 117, 75, 66

 91, 52, 44

 66, 30, 24

 44, 8, 0

 1, 0, 0

 0, 0, 0

■ 227, 177, 166

■ 227, 177, 166

■ 227, 158, 143

■ 227, 196, 189

■ 227, 140, 121

■ 227, 215, 211

■ 227, 122, 98

■ 227, 230, 234

■ 227, 102, 75

■ 227, 240, 255

■ 227, 84, 53

■ 227, 241, 255

■ 227, 65, 30

■ 227, 47, 7

■ 227, 41, 0

Harmonies

Analogous

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



227, 173, 185



227, 177, 166



217, 200, 153

Triad

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



227, 177, 166



156, 187, 197



169, 183, 226

Complementary

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



227, 177, 166



166, 194, 227

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.



145, 175, 222



227, 177, 166



139, 171, 199

Square

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



227, 177, 166



155, 193, 170



134, 169, 209



195, 181, 220

Rectangle

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



227, 177, 166



182, 206, 149



134, 169, 209



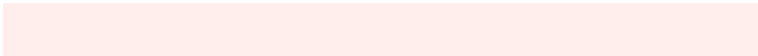
160, 181, 226

Sweetspot

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



227, 177, 166



255, 239, 235



227, 166, 218



128, 117, 115



0, 0, 0



128, 128, 128

Same Dimension

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



227, 177, 166



255, 188, 173



198, 227, 166



115, 105, 103



179, 32, 0



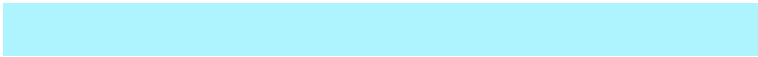
51, 9, 0

Inverse Universe

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



166, 194, 227



173, 211, 255



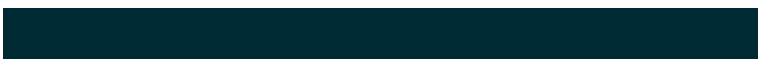
166, 182, 227



103, 108, 115



0, 82, 179



0, 23, 51

Previews

White Background



This preview shows how the RYB color 227, 177, 166 looks on a white background.

Color Contrast Check

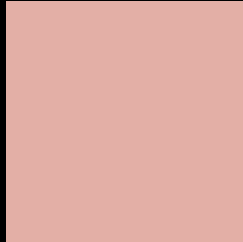
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 227, 177, 166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

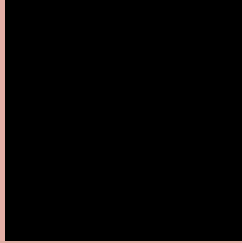
Any Text WCAG AA ✓ Pass

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 227, 177, 166 Background



This preview shows how black text looks on a background with the RGB color 227, 177, 166.

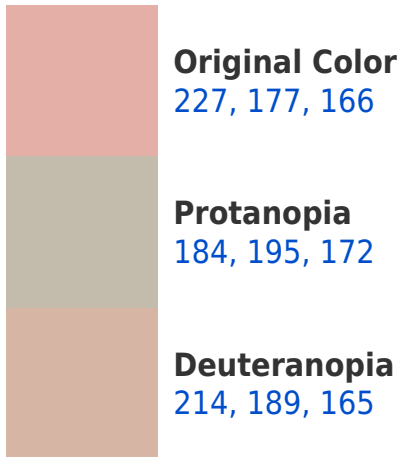


This preview shows how white text looks on a background with the RGB color 227, 177, 166.

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
229, 172, 186

Trichromacy



Original Color

227, 177, 166

Protanomaly

207, 190, 170

Deuteranomaly

219, 184, 165

Tritanomaly

228, 173, 179

Monochromacy



Original Color

227, 177, 166

Achromatopsia

190, 190, 190

Achromatomaly

203, 186, 181

CSS Examples

Text

The CSS property to change the color of the text to RYB 227, 177, 166 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(227, 175, 166)` looks like.

```
.text, #text, p{  
    color:rgb(227, 175, 166)  
}
```

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(227, 175, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 175, 166) }
```

Border

The CSS property to change the border of an element to RYB 227, 177, 166 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(227, 175, 166) }
```

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

```
.border{ border-color:rgb(227, 175, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 175, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 175, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 175, 166);  
box-shadow:4px 4px 4px 4px rgb(227, 175,  
166) }
```

Background

The CSS property to change the background color of an element to RYB 227, 177, 166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 175, 166) }
```

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

```
.background{ background-color: rgb(227,  
175, 166) }
```

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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