

Converting Colors

`RYB(227, 179, 140)`

Have a look what the booklet for
RYB(227, 179, 140) contains.

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Color

R_YB(227, 179, 140)

Conversions

Conversions Part 1

Format	Color
Hex	E3A78C
RGB	227, 167, 140
RGB Percent	89%, 65%, 55%
CMY	0.1098, 0.3454, 0.4510
CMYK	0.00, 0.26, 0.38, 0.11
HSL	19°, 61%, 72%
HSV	19°, 38%, 89%
XYZ	50.2178, 45.8356, 31.0113
YIQ	181.8620, 44.4270, 4.3230

Conversions

Conversions Part 2

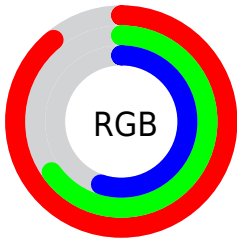
Format	Color
R _Y B	227, 179, 140
Decimal	14919564
CIE Lab	73.44, 18.70, 22.62
CIE LCh	73, 29.347, 50.414
Yxy	45.8356, 0.3952, 0.3607
Android (android.graphics.Color)	4293109644 (0xFFE3A78C)
YUV	181.8620, -20.6380, 39.5860
Hunter-Lab	67.7020, 13.9235, 20.2332

Details

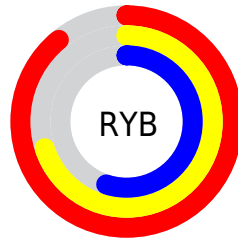
The RYB color **227, 179, 140** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **140, 176, 227**, and the grayscale version is **182, 182, 182**.

A 20% lighter version of the original color is **255, 246, 194**, and **170, 126, 90** is the 20% darker color. If you saturate the color by 10%, you get **227, 166, 117**, and if you desaturate by 10%, it is **227, 192, 163**.

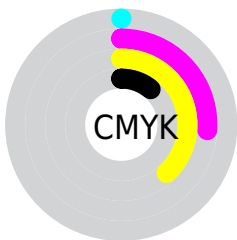
Distribution



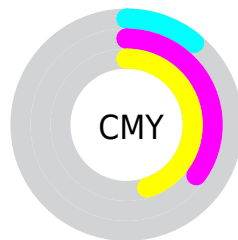
- Red (89%)
- Green (65%)
- Blue (55%)



- Red (89%)
- Yellow (70%)
- Blue (55%)



- Cyan (0%)
- Magenta (26%)
- Yellow (38%)
- Black (11%)




- Cyan (11%)
- Magenta (35%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 227, 179, 140 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, 179, 140 by changing the saturation by 10% instead.

 227, 179, 140

 227, 179, 140

255, 255, 255

 198, 152, 114

 255, 246, 194

 170, 126, 90

 227, 255, 222

 142, 101, 66

 250, 255, 250


 115, 76, 44


 89, 55, 22

 64, 34, 0

 39, 0, 0

 0, 0, 0

 227, 179, 140

 227, 179, 140

■ 227, 166, 117

■ 227, 192, 163

■ 227, 154, 95

■ 227, 204, 185

■ 227, 142, 72

■ 227, 217, 208

■ 227, 129, 49

■ 227, 229, 231

■ 227, 117, 27

■ 227, 238, 254

■ 227, 104, 4

■ 227, 241, 255

■ 227, 101, 0

Harmonies

Analogous

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



235, 161, 163



227, 179, 140



181, 208, 128

Triad

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



227, 179, 140



120, 165, 195



173, 177, 231

Complementary

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



227, 179, 140



140, 176, 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.



134, 168, 233



227, 179, 140



99, 148, 198

Square

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



227, 179, 140



145, 191, 186



103, 154, 221



206, 167, 215

Rectangle

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



227, 179, 140



136, 190, 127



103, 154, 221



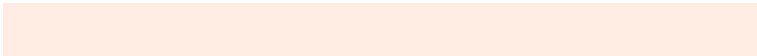
160, 176, 233

Sweetspot

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



227, 179, 140



255, 240, 227



227, 140, 201



128, 118, 111



0, 0, 0



128, 128, 128

Same Dimension

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



227, 179, 140



255, 190, 138



161, 227, 140



115, 109, 103



179, 79, 0



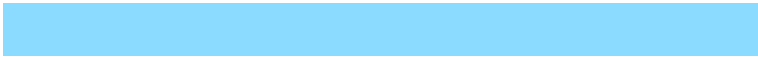
51, 23, 0

Inverse Universe

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



140, 176, 227



138, 186, 255



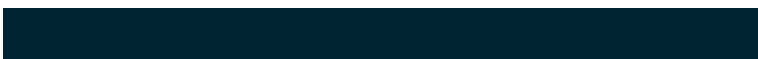
140, 154, 227



103, 108, 115



0, 73, 179



0, 21, 51

Previews

White Background



This preview shows how the RYB color 227, 179, 140 looks on a white background.

Color Contrast Check

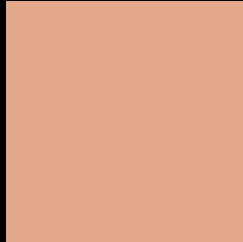
Large Text (above 18pt) WCAG AA × Fail

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, 179, 140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

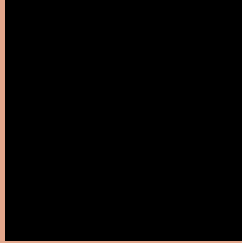
Any Text WCAG AA ✓ Pass

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](#).

RYB 227, 179, 140 Background



This preview shows how black text looks on a background with the RYB color 227, 179, 140.



This preview shows how white text looks on a background with the RYB color 227, 179, 140.

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
227, 179, 140

Protanopia
162, 192, 146

Deuteranopia
212, 203, 139



Tritanopia
230, 162, 174

Trichromacy



Original Color
227, 179, 140

Protanomaly
203, 205, 144

Deuteranomaly
217, 193, 139

Tritanomaly
229, 164, 162

Monochromacy



Original Color
227, 179, 140

Achromatopsia
182, 182, 182

Achromatomaly
198, 182, 167

CSS Examples

Text

The CSS property to change the color of the text to RYB 227, 179, 140 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, 167, 140)` looks like.

```
.text, #text, p{  
    color:rgb(227, 167, 140)  
}
```

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, 167, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 167, 140) }
```

Border

The CSS property to change the border of an element to RYB 227, 179, 140 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, 167, 140) }
```

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

```
.border{ border-color:rgb(227, 167, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 167, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 167, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 167, 140);  
box-shadow:4px 4px 4px 4px rgb(227, 167,  
140) }
```

Background

The CSS property to change the background color of an element to RGB 227, 167, 140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 167, 140) }
```

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

```
.background{ background-color: rgb(227,  
167, 140) }
```

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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