

# Converting Colors

`RYB(224, 177, 187)`

Have a look what the booklet for  
RYB(224, 177, 187) contains.

<b>RYB(224, 177, 187)</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

**R<sub>Y</sub>B(224, 177, 187)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E0B1BB
RGB	224, 177, 187
RGB Percent	88%, 69%, 73%
CMY	0.1216, 0.3059, 0.2667
CMYK	0.00, 0.21, 0.17, 0.12
HSL	347°, 43%, 79%
HSV	347°, 21%, 88%
XYZ	55.4323, 50.8794, 53.9128
YIQ	192.1930, 24.8020, 13.0740

# Conversions

## Conversions Part 2

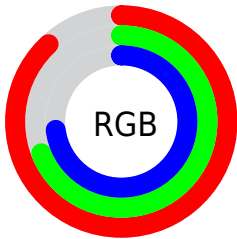
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	224, 177, 187
Decimal	14725563
CIE <sub>Lab</sub>	76.61, 18.58, 1.44
CIE <sub>LCh</sub>	77, 18.637, 4.434
Yxy	50.8794, 0.3460, 0.3176
Android (android.graphics.Color)	4292915643 (0xFFE0B1BB)
YUV	192.1930, -2.5601, 27.8947
Hunter-Lab	71.3298, 13.8898, 5.1180

# Details

The RYB color **224, 177, 187** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **177, 203, 224**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **255, 233, 243**, and **168, 124, 134** is the 20% darker color. If you saturate the color by 10%, you get **224, 155, 169**, and if you desaturate by 10%, it is **224, 199, 205**.

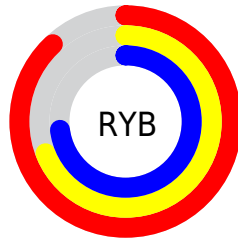
# Distribution



Red (88%)

Green (69%)

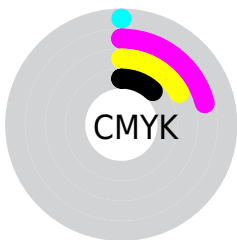
Blue (73%)



Red (88%)

Yellow (69%)

Blue (73%)

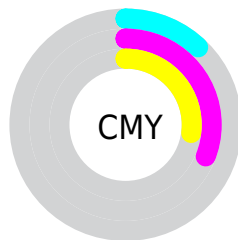


Cyan (0%)

Magenta (21%)

Yellow (17%)

Black (12%)



Cyan (12%)

Magenta (31%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 224, 177, 187 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 224, 177, 187 by changing the saturation by 10% instead.



 224, 177, 187


 224, 177, 187


255, 255, 255

 196, 150, 160


 255, 233, 243

 168, 124, 134

 141, 99, 109

 115, 75, 84

 90, 52, 61

 66, 30, 40

 43, 8, 19

 10, 0, 0

 0, 0, 0

 224, 177, 187

 224, 177, 187

 224, 155, 169

 224, 199, 205

 224, 132, 152

 224, 222, 222

 224, 110, 134

 224, 235, 244

 224, 87, 116

 224, 240, 255

 224, 65, 99

 224, 43, 81

 224, 20, 64

 224, 0, 48

# Harmonies

## Analogous

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



214, 179, 204



224, 177, 187



224, 181, 170

# Triad

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



224, 177, 187



160, 194, 173



153, 179, 220

# Complementary

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



224, 177, 187



177, 203, 224

# 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.



143, 173, 208



224, 177, 187



161, 188, 198

# Square

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



224, 177, 187



170, 200, 155



147, 175, 199



173, 186, 223

# Rectangle

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



224, 177, 187



219, 191, 162



147, 175, 199



148, 176, 216

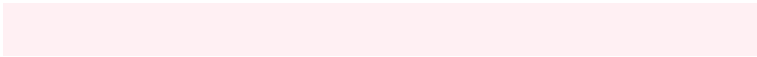


# Sweetspot

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



224, 177, 187



255, 240, 243



214, 177, 224



128, 119, 120



0, 0, 0



128, 128, 128



# Same Dimension

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



224, 177, 187



255, 191, 205



224, 195, 177



112, 101, 103



176, 0, 37



48, 0, 10



# Inverse Universe

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



224, 177, 187



255, 191, 205



177, 197, 224



112, 101, 103



176, 0, 37



48, 0, 10



# Previews

## White Background



This preview shows how the RYB color 224, 177, 187 looks on a white background.

## Color Contrast Check

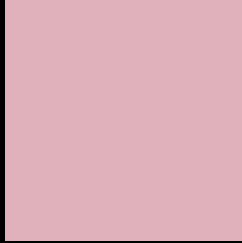
Large Text (above 18pt) WCAG AA × Fail

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 224, 177, 187 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](#).



## R Y B 224, 177, 187 Background



This preview shows how black text looks on a background with the R Y B color 224, 177, 187.



This preview shows how white text looks on a background with the R Y B color 224, 177, 187.

# 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**  
224, 177, 187

**Protanopia**  
191, 188, 194

**Deuteranopia**  
209, 183, 186



**Tritanopia**  
224, 176, 190

# Trichromacy



**Original Color**

224, 177, 187

**Protanomaly**

203, 184, 191

**Deuteranomaly**

214, 181, 186

**Tritanomaly**

224, 176, 189

# Monochromacy



**Original Color**

224, 177, 187

**Achromatopsia**

192, 192, 192

**Achromatomaly**

204, 187, 190

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 224, 177, 187 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(224, 177, 187) looks like.

```
.text, #text, p{  
    color:rgb(224, 177, 187)  
}
```

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(224, 177, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 177, 187) }
```

## Border

The CSS property to change the border of an element to RYB 224, 177, 187 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(224, 177, 187) }
```

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

```
.border{ border-color:rgb(224, 177, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 177, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 177, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 177, 187);  
box-shadow:4px 4px 4px 4px rgb(224, 177,  
187) }
```

# Background

The CSS property to change the background color of an element to RYB 224, 177, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 177, 187) }
```

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

```
.background{ background-color: rgb(224,  
177, 187) }
```

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