

Converting Colors

`RYB(225, 176, 177)`

Have a look what the booklet for
RYB(225, 176, 177) contains.

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Color

`RYB(225, 176, 177)`

Conversions

Conversions Part 1

Format	Color
Hex	E1B0B1
RGB	225, 176, 177
RGB Percent	88%, 69%, 69%
CMY	0.1176, 0.3098, 0.3059
CMYK	0.00, 0.22, 0.21, 0.12
HSL	359°, 45%, 79%
HSV	359°, 22%, 88%
XYZ	54.5125, 50.2325, 48.4177
YIQ	190.7650, 28.8830, 10.6990

Conversions

Conversions Part 2

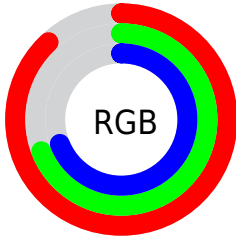
Format	Color
R_{YB}	225, 176, 177
Decimal	14790833
CIE _{Lab}	76.21, 17.96, 6.33
CIE _{LCh}	76, 19.040, 19.420
Yxy	50.2325, 0.3559, 0.3280
Android (android.graphics.Color)	4292980913 (0xFFE1B0B1)
YUV	190.7650, -6.7861, 30.0241
Hunter-Lab	70.8749, 13.2597, 9.1089

Details

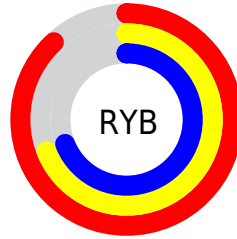
The RYB color **225, 176, 177** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **176, 201, 225**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **255, 232, 233**, and **169, 123, 124** is the 20% darker color. If you saturate the color by 10%, you get **225, 154, 155**, and if you desaturate by 10%, it is **225, 199, 199**.

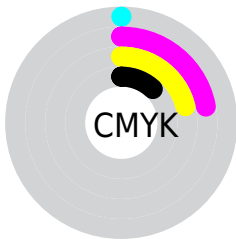
Distribution



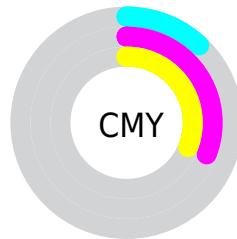
- Red (88%)
- Green (69%)
- Blue (69%)



- Red (88%)
- Yellow (69%)
- Blue (69%)



- Cyan (0%)
- Magenta (22%)
- Yellow (21%)
- Black (12%)




- Cyan (12%)
- Magenta (31%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the RYB color 225, 176, 177 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 225, 176, 177 by changing the saturation by 10% instead.

 225, 176, 177

 225, 176, 177


255, 255, 255

 197, 149, 150

 255, 232, 233

 169, 123, 124

 142, 98, 100

 116, 74, 76

 90, 51, 53

 66, 29, 32

 43, 7, 8

 4, 0, 0

 0, 0, 0

 225, 176, 177

 225, 176, 177

 225, 154, 155

 225, 199, 199

 225, 131, 133

 225, 221, 221

 225, 109, 111

 225, 234, 243

 225, 86, 89

 225, 240, 255

 225, 64, 67

 225, 41, 45

 225, 19, 23

 225, 0, 5

Harmonies

Analogous

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



220, 176, 195



225, 176, 177



221, 186, 162

Triad

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



225, 176, 177



165, 195, 191



160, 181, 222

Complementary

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



225, 176, 177



176, 201, 225

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.



144, 174, 214



225, 176, 177



151, 180, 198

Square

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



225, 176, 177



155, 190, 155



141, 170, 199



183, 186, 221

Rectangle

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



225, 176, 177



213, 207, 156



141, 170, 199



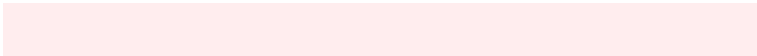
154, 179, 220

Sweetspot

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



225, 176, 177



255, 237, 238



223, 176, 225



128, 117, 118



0, 0, 0



128, 128, 128

Same Dimension

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



225, 176, 177



255, 189, 190



225, 219, 176



112, 101, 101



176, 0, 4



48, 0, 1

Inverse Universe

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



225, 176, 177



255, 189, 190



176, 193, 225



112, 101, 101



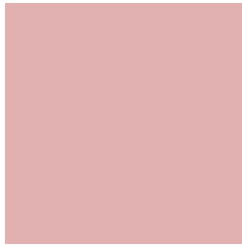
176, 0, 4



48, 0, 1

Previews

White Background



This preview shows how the RYB color 225, 176, 177 looks on a white background.

Color Contrast Check

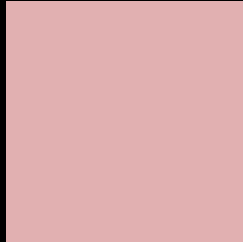
Large Text (above 18pt) WCAG AA × Fail

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 225, 176, 177 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 225, 176, 177 Background



This preview shows how black text looks on a background with the RYB color 225, 176, 177.

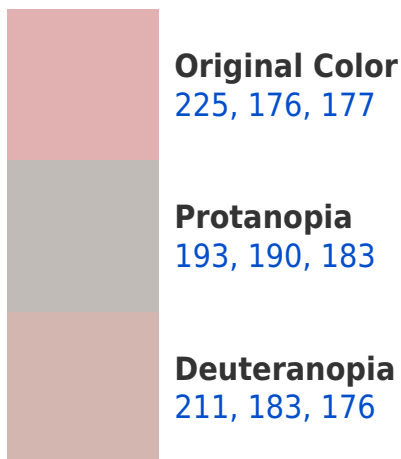


This preview shows how white text looks on a background with the RYB color 225, 176, 177.

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](#).

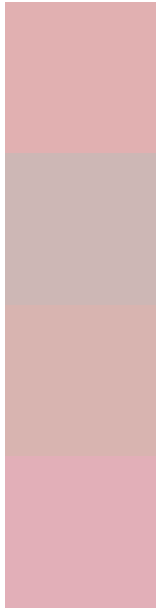
Dichromacy





Tritanopia
226, 174, 188

Trichromacy



Original Color

225, 176, 177

Protanomaly

205, 183, 181

Deuteranomaly

216, 180, 176

Tritanomaly

226, 175, 184

Monochromacy



Original Color

225, 176, 177

Achromatopsia

191, 191, 191

Achromatomaly

203, 186, 186

CSS Examples

Text

The CSS property to change the color of the text to RYB 225, 176, 177 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(225, 176, 177)` looks like.

```
.text, #text, p{  
    color:rgb(225, 176, 177)  
}
```

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(225, 176, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 176, 177) }
```

Border

The CSS property to change the border of an element to RYB 225, 176, 177 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(225, 176, 177) }
```

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

```
.border{ border-color:rgb(225, 176, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 176, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 176, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 176, 177);  
box-shadow:4px 4px 4px 4px rgb(225, 176,  
177) }
```

Background

The CSS property to change the background color of an element to RGB 225, 176, 177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 176, 177) }
```

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

```
.background{ background-color: rgb(225,  
176, 177) }
```

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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