

Converting Colors

`RYB(225, 170, 168)`

Have a look what the booklet for
RYB(225, 170, 168) contains.

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Color

R_YB(225, 170, 168)

Conversions

Conversions Part 1

Format	Color
Hex	E1AAA8
RGB	225, 170, 168
RGB Percent	88%, 67%, 66%
CMY	0.1176, 0.3336, 0.3412
CMYK	0.00, 0.24, 0.25, 0.12
HSL	2°, 49%, 77%
HSV	2°, 25%, 88%
XYZ	52.4812, 47.5587, 43.4595
YIQ	186.2170, 33.4220, 11.0380

Conversions

Conversions Part 2

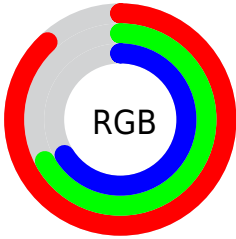
Format	Color
R _Y B	225, 170, 168
Decimal	14789288
CIE Lab	74.55, 19.91, 8.86
CIE LCh	75, 21.794, 23.981
Yxy	47.5587, 0.3657, 0.3314
Android (android.graphics.Color)	4292979368 (0xFFE1AAA8)
YUV	186.2170, -8.9810, 34.0127
Hunter-Lab	68.9628, 15.1548, 10.9102

Details

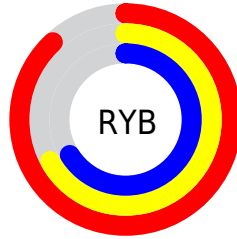
The RYB color **225, 170, 168** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **168, 196, 225**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **255, 225, 223**, and **169, 118, 116** is the 20% darker color. If you saturate the color by 10%, you get **225, 148, 146**, and if you desaturate by 10%, it is **225, 192, 191**.

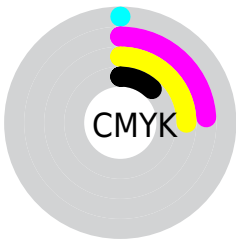
Distribution



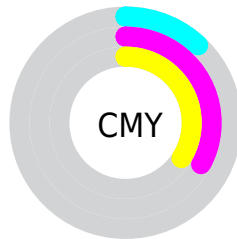
- Red (88%)
- Green (67%)
- Blue (66%)



- Red (88%)
- Yellow (67%)
- Blue (66%)



- Cyan (0%)
- Magenta (24%)
- Yellow (25%)
- Black (12%)



- Cyan (12%)
- Magenta (33%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the RYB color 225, 170, 168 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, 170, 168 by changing the saturation by 10% instead.

 225, 170, 168

 225, 170, 168


255, 255, 255

 197, 143, 142

 255, 225, 223

 169, 117, 116

 254, 255, 252

 141, 93, 91

 115, 69, 68

 89, 46, 46

 64, 24, 25


 43, 0, 0


 0, 0, 0

 225, 170, 168

 225, 170, 168

 225, 148, 146

 225, 192, 191

 225, 126, 123

 225, 213, 213

 225, 105, 101

 225, 230, 235

 225, 83, 78

 225, 240, 255

 225, 61, 56

 225, 40, 33

 225, 18, 11

 225, 8, 0

Harmonies

Analogous

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



221, 170, 188



225, 170, 168



218, 185, 152

Triad

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



225, 170, 168



159, 192, 192



155, 176, 223

Complementary

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



225, 170, 168



168, 196, 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.



134, 168, 215



225, 170, 168



138, 171, 195

Square

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



225, 170, 168



147, 187, 153



128, 162, 199



182, 180, 220

Rectangle

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



225, 170, 168



205, 209, 145



128, 162, 199



147, 173, 221

Sweetspot

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



225, 170, 168



255, 235, 235



225, 168, 223



128, 115, 115



0, 0, 0



128, 128, 128

Same Dimension

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



225, 170, 168



255, 181, 179



219, 225, 168



112, 101, 101



176, 6, 0



48, 2, 0

Inverse Universe

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



168, 196, 225



179, 216, 255



168, 186, 225



101, 107, 112



0, 86, 176



0, 24, 48

Previews

White Background



This preview shows how the RYB color 225, 170, 168 looks on a white background.

Color Contrast Check

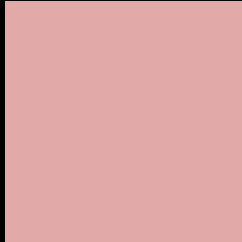
Large Text (above 18pt) WCAG AA × Fail

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, 170, 168 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, 170, 168 Background



This preview shows how black text looks on a background with the RYB color 225, 170, 168.



This preview shows how white text looks on a background with the RYB color 225, 170, 168.

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
225, 170, 168

Protanopia
186, 189, 175

Deuteranopia
208, 180, 167



Tritanopia
226, 168, 181

Trichromacy



Original Color
225, 170, 168

Protanomaly
202, 180, 172

Deuteranomaly
214, 175, 167

Tritanomaly
226, 169, 176

Monochromacy



Original Color
225, 170, 168

Achromatopsia
186, 186, 186

Achromatomaly
200, 180, 179

CSS Examples

Text

The CSS property to change the color of the text to RYB 225, 170, 168 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, 170, 168) looks like.

```
.text, #text, p{  
    color:rgb(225, 170, 168)  
}
```

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, 170, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 170, 168) }
```

Border

The CSS property to change the border of an element to RYB 225, 170, 168 is called "border". The border property can be set on classes, ids or directly on the HTML element.

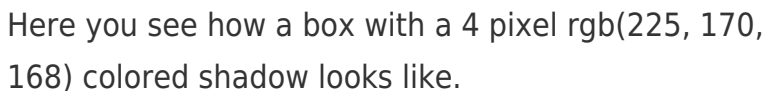
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(225, 170, 168) }
```

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

```
.border{ border-color:rgb(225, 170, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(225, 170, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 170, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 170, 168);  
box-shadow:4px 4px 4px 4px rgb(225, 170,  
168) }
```

Background

The CSS property to change the background color of an element to RGB 225, 170, 168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 170, 168) }
```

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

```
.background{ background-color: rgb(225,  
170, 168) }
```

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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