

Converting Colors

`RYB(225, 195, 201)`

Have a look what the booklet for RYB(225, 195, 201) contains.

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Color

R_YB(225, 195, 201)

Conversions

Conversions Part 1

Format	Color
Hex	E1C3C9
RGB	225, 195, 201
RGB Percent	88%, 76%, 79%
CMY	0.1176, 0.2353, 0.2118
CMYK	0.00, 0.13, 0.11, 0.12
HSL	348°, 33%, 82%
HSV	348°, 13%, 88%
XYZ	61.1091, 59.2548, 63.4749
YIQ	204.6540, 15.9540, 8.2260

Conversions

Conversions Part 2

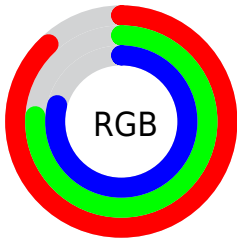
Format	Color
R _Y B	225, 195, 201
Decimal	14795721
CIE Lab	81.43, 11.58, 0.91
CIE LCh	81, 11.617, 4.496
Yxy	59.2548, 0.3324, 0.3223
Android (android.graphics.Color)	4292985801 (0xFFE1C3C9)
YUV	204.6540, -1.8014, 17.8434
Hunter-Lab	76.9771, 6.9940, 4.9938

Details

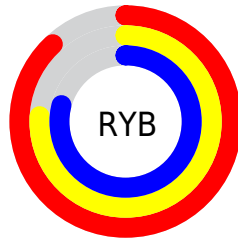
The RYB color **225, 195, 201** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **195, 212, 225**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is 255, 252, 255, and **170, 141, 147** is the 20% darker color. If you saturate the color by 10%, you get **225, 172, 183**, and if you desaturate by 10%, it is **225, 218, 219**.

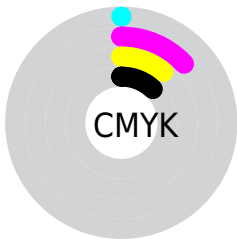
Distribution



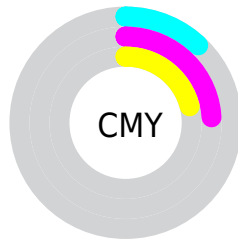
- Red (88%)
- Green (76%)
- Blue (79%)



- Red (88%)
- Yellow (76%)
- Blue (79%)



- Cyan (0%)
- Magenta (13%)
- Yellow (11%)
- Black (12%)



- Cyan (12%)
- Magenta (24%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the RYB color 225, 195, 201 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, 195, 201 by changing the saturation by 10% instead.


 225, 195, 201

 225, 195, 201

255, 255, 255

 197, 168, 174

 255, 252, 255

 170, 141, 147

 143, 116, 121

 117, 91, 97

 92, 67, 73


 68, 45, 50

 46, 24, 29

 27, 0, 4


 0, 0, 0

 225, 195, 201

 225, 195, 201

 225, 172, 183


 225, 218, 219

 225, 150, 165

 225, 233, 240


 225, 127, 147

 225, 240, 255

 225, 105, 129

 225, 83, 111

 225, 60, 93

 225, 37, 75

 225, 15, 57

 225, 0, 45

Harmonies

Analogous

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



218, 196, 212



225, 195, 201



225, 197, 190

Triad

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



225, 195, 201



184, 205, 192



181, 197, 222

Complementary

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



225, 195, 201



195, 212, 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.



175, 193, 214



225, 195, 201



185, 202, 208

Square

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



225, 195, 201



192, 210, 181



177, 194, 209



193, 201, 224

Rectangle

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



225, 195, 201



222, 205, 185



177, 194, 209



179, 196, 220

Sweetspot

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



225, 195, 201



255, 245, 247



219, 195, 225



128, 121, 122



0, 0, 0



128, 128, 128

Same Dimension

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



225, 195, 201



255, 214, 222



225, 208, 195



112, 101, 103



176, 0, 35



48, 0, 10

Inverse Universe

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



225, 195, 201



255, 214, 222



195, 207, 225



112, 101, 103



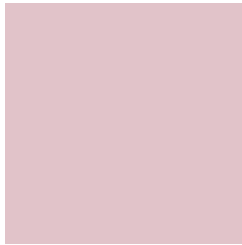
176, 0, 35



48, 0, 10

Previews

White Background



This preview shows how the RYB color 225, 195, 201 looks on a white background.

Color Contrast Check

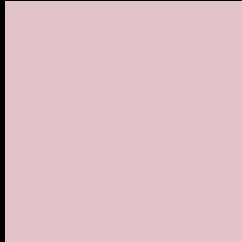
Large Text (above 18pt) WCAG AA × Fail

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, 195, 201 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, 195, 201 Background



This preview shows how black text looks on a background with the RYB color 225, 195, 201.




This preview shows how white text looks on a background with the RYB color 225, 195, 201.

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, 195, 201
	Protanopia 205, 201, 205
	Deuteranopia 222, 196, 201



Tritanopia
226, 194, 209

Trichromacy



Original Color

225, 195, 201

Protanomaly

212, 199, 204

Deuteranomaly

223, 196, 201

Tritanomaly

226, 194, 206

Monochromacy



Original Color

225, 195, 201

Achromatopsia

205, 205, 205

Achromatomaly

212, 201, 204

CSS Examples

Text

The CSS property to change the color of the text to RYB 225, 195, 201 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, 195, 201)` looks like.

```
.text, #text, p{  
    color:rgb(225, 195, 201)  
}
```

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, 195, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 195, 201) }
```

Border

The CSS property to change the border of an element to RYB 225, 195, 201 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, 195, 201) }
```

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

```
.border{ border-color:rgb(225, 195, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 195, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 195, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 195, 201);  
box-shadow:4px 4px 4px 4px rgb(225, 195,  
201) }
```

Background

The CSS property to change the background color of an element to RYB 225, 195, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 195, 201) }
```

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

```
.background{ background-color: rgb(225,  
195, 201) }
```

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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