

Converting Colors

`RYB(227, 195, 201)`

Have a look what the booklet for
RYB(227, 195, 201) contains.

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Color

R_YB(227, 195, 201)

Conversions

Conversions Part 1

Format	Color
Hex	E3C3C9
RGB	227, 195, 201
RGB Percent	89%, 76%, 79%
CMY	0.1098, 0.2353, 0.2118
CMYK	0.00, 0.14, 0.11, 0.11
HSL	349°, 36%, 83%
HSV	349°, 14%, 89%
XYZ	61.7363, 59.5782, 63.5042
YIQ	205.2520, 17.1460, 8.6500

Conversions

Conversions Part 2

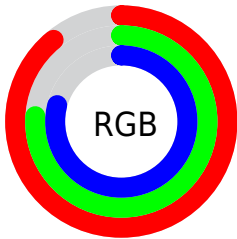
Format	Color
R_{YB}	227, 195, 201
Decimal	14926793
CIE _{Lab}	81.61, 12.29, 1.19
CIE _{LCh}	82, 12.348, 5.530
Yxy	59.5782, 0.3340, 0.3224
Android (android.graphics.Color)	4293116873 (0xFFE3C3C9)
YUV	205.2520, -2.0962, 19.0730
Hunter-Lab	77.1869, 7.6923, 5.2510

Details

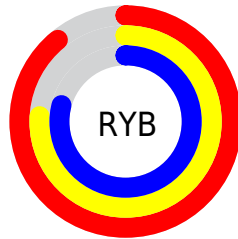
The RYB color **227, 195, 201** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **195, 213, 227**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is 255, 252, 255, and **171, 141, 147** is the 20% darker color. If you saturate the color by 10%, you get **227, 172, 183**, and if you desaturate by 10%, it is **227, 218, 219**.

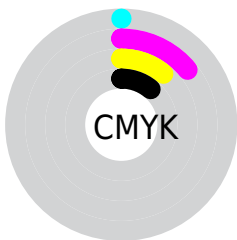
Distribution



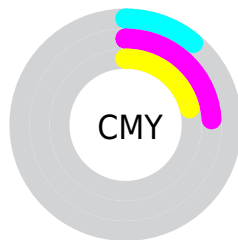
- Red (89%)
- Green (76%)
- Blue (79%)



- Red (89%)
- Yellow (76%)
- Blue (79%)



- Cyan (0%)
- Magenta (14%)
- Yellow (11%)
- Black (11%)



- Cyan (11%)
- Magenta (24%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RYB color 227, 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 227, 195, 201 by changing the saturation by 10% instead.

■ 227, 195, 201

255, 255, 255

■ 255, 252, 255

■ 227, 195, 201

■ 199, 168, 174

■ 171, 141, 147

■ 145, 116, 121

■ 119, 91, 97


■ 94, 67, 73


■ 70, 45, 50


■ 47, 24, 29

■ 28, 0, 4


■ 0, 0, 0

 227, 195, 201

 227, 195, 201

 227, 172, 183


 227, 218, 219

 227, 150, 164

 227, 234, 240

 227, 127, 146

 227, 241, 255

 227, 104, 127

 227, 82, 109

 227, 59, 90

 227, 36, 72

 227, 13, 53

 227, 0, 43

Harmonies

Analogous

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



220, 196, 213



227, 195, 201



227, 197, 190

Triad

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



227, 195, 201



184, 206, 193



181, 197, 223

Complementary

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



227, 195, 201



195, 213, 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.



174, 193, 216



227, 195, 201



184, 202, 209

Square

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



227, 195, 201



189, 210, 180



176, 194, 210



193, 201, 226

Rectangle

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



227, 195, 201



224, 206, 184



176, 194, 210



178, 196, 221

Sweetspot

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



227, 195, 201



255, 245, 247



221, 195, 227



128, 121, 122



0, 0, 0



128, 128, 128

Same Dimension

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



227, 195, 201



255, 212, 220



227, 210, 195



115, 103, 105



179, 0, 33



51, 0, 10

Inverse Universe

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



227, 195, 201



255, 212, 220



195, 208, 227



115, 103, 105



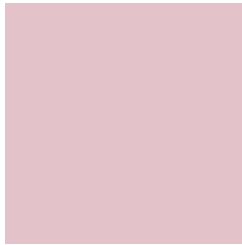
179, 0, 33



51, 0, 10

Previews

White Background



This preview shows how the RYB color 227, 195, 201 looks on a white background.

Color Contrast Check

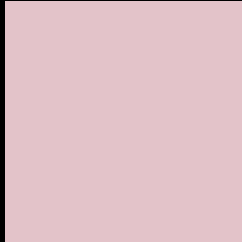
Large Text (above 18pt) WCAG AA × Fail

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 227, 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 227, 195, 201 Background



This preview shows how black text looks on a background with the RYB color 227, 195, 201.



This preview shows how white text looks on a background with the RYB color 227, 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 227, 195, 201
	Protanopia 206, 202, 205
	Deuteranopia 223, 196, 201



Tritanopia
228, 194, 209

Trichromacy



Original Color

227, 195, 201

Protanomaly

214, 199, 204

Deuteranomaly

224, 196, 201

Tritanomaly

228, 194, 206

Monochromacy



Original Color

227, 195, 201

Achromatopsia

205, 205, 205

Achromatomaly

213, 201, 204

CSS Examples

Text

The CSS property to change the color of the text to RYB 227, 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(227, 195, 201)` looks like.

```
.text, #text, p{  
    color:rgb(227, 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(227, 195, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 195, 201) }
```

Border

The CSS property to change the border of an element to RYB 227, 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(227, 195, 201) }
```

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

```
.border{ border-color:rgb(227, 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(227, 195, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 195, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 195, 201);  
box-shadow:4px 4px 4px 4px rgb(227, 195,  
201) }
```

Background

The CSS property to change the background color of an element to RYB 227, 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(227, 195, 201) }
```

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

```
.background{ background-color: rgb(227,  
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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