

Converting Colors

`RYB(227, 211, 213)`

Have a look what the booklet for
RYB(227, 211, 213) contains.

RYB(227, 211, 213)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

$\text{RYB}(227, 211, 213)$

Conversions

Conversions Part 1

Format	Color
Hex	E3D3D5
RGB	227, 211, 213
RGB Percent	89%, 83%, 84%
CMY	0.1098, 0.1725, 0.1647
CMYK	0.00, 0.07, 0.06, 0.11
HSL	352°, 22%, 86%
HSV	352°, 7%, 89%
XYZ	66.9831, 67.7235, 72.4923
YIQ	216.0120, 8.8940, 4.0140

Conversions

Conversions Part 2

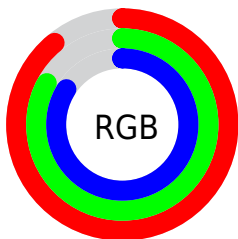
Format	Color
R _Y B	227, 211, 213
Decimal	14930901
CIE Lab	85.87, 5.86, 1.00
CIE LCh	86, 5.949, 9.636
Yxy	67.7235, 0.3233, 0.3269
Android (android.graphics.Color)	4293120981 (0xFFE3D3D5)
YUV	216.0120, -1.4849, 9.6365
Hunter-Lab	82.2943, 1.2742, 5.3780

Details

The RYB color **227, 211, 213** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **211, 220, 227**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is 255, 255, 255, and **172, 157, 158** is the 20% darker color. If you saturate the color by 10%, you get **227, 188, 193**, and if you desaturate by 10%, it is **227, 231, 234**.

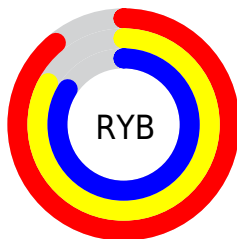
Distribution



Red (89%)

Green (83%)

Blue (84%)



Red (89%)

Yellow (83%)

Blue (84%)

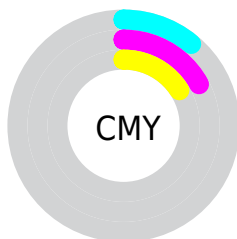


Cyan (0%)

Magenta (7%)

Yellow (6%)

Black (11%)



Cyan (11%)

Magenta (17%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 227, 211, 213 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, 211, 213 by changing the saturation by 10% instead.

■ 227, 211, 213

255, 255, 255

■ 227, 211, 213

■ 199, 183, 185

■ 172, 157, 158

■ 145, 130, 132

■ 119, 105, 107

■ 95, 81, 83

■ 71, 58, 60


■ 48, 37, 38

■ 28, 16, 18

■ 0, 0, 0

 227, 211, 213


 227, 211, 213

 227, 188, 193


 227, 231, 234

 227, 166, 173

 227, 242, 255

 227, 143, 153

 227, 241, 255

 227, 120, 134

 227, 98, 114

 227, 75, 94

 227, 52, 74

 227, 29, 54

 227, 7, 34

Harmonies

Analogous

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



224, 211, 219



227, 211, 213



227, 213, 208

Triad

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



227, 211, 213



206, 217, 212



205, 212, 225

Complementary

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



227, 211, 213



211, 220, 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.



202, 211, 222



227, 211, 213



205, 214, 218

Square

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



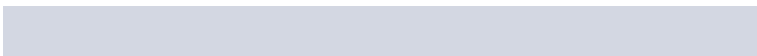
227, 211, 213



208, 218, 204



202, 211, 218



211, 214, 226

Rectangle

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



227, 211, 213



225, 216, 205



202, 211, 218



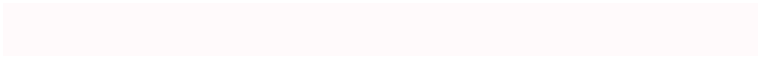
204, 212, 224

Sweetspot

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



227, 211, 213



255, 250, 251



225, 211, 227



128, 125, 125



0, 0, 0



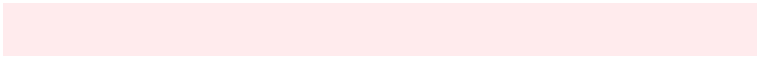
128, 128, 128

Same Dimension

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



227, 211, 213



255, 235, 237



227, 221, 211



115, 103, 105



179, 0, 22



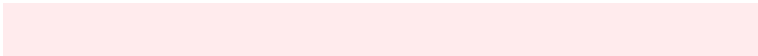
51, 0, 6

Inverse Universe

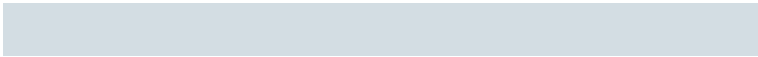
The Inverse Universe completely reimagines the original color for something new.



227, 211, 213



255, 235, 237



211, 217, 227



115, 103, 105



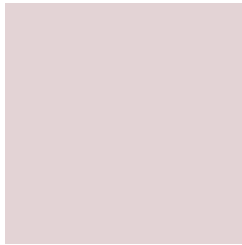
179, 0, 22



51, 0, 6

Previews

White Background



This preview shows how the RYB color 227, 211, 213 looks on a white background.

Color Contrast Check

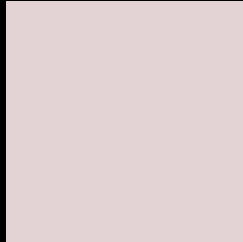
Large Text (above 18pt) WCAG AA × Fail

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, 211, 213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

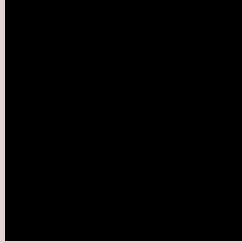
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

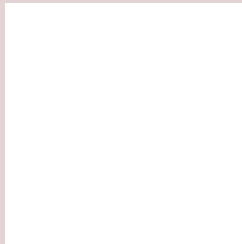
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 227, 211, 213 Background



This preview shows how black text looks on a background with the RYB color 227, 211, 213.

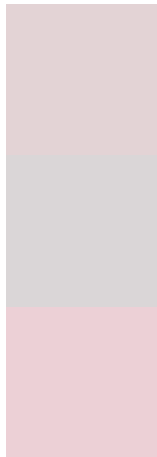


This preview shows how white text looks on a background with the RYB color 227, 211, 213.

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, 211, 213

Protanopia
218, 214, 215

Deuteranopia
236, 208, 214



Tritanopia
229, 209, 225

Trichromacy



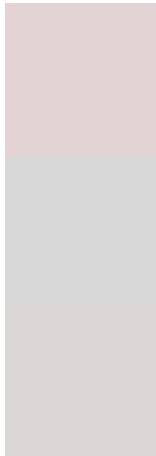
Original Color
227, 211, 213

Protanomaly
221, 213, 214

Deuteranomaly
233, 209, 214

Tritanomaly
228, 210, 221

Monochromacy



Original Color
227, 211, 213

Achromatopsia
216, 216, 216

Achromatomaly
220, 214, 215

CSS Examples

Text

The CSS property to change the color of the text to RYB 227, 211, 213 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, 211, 213) looks like.

```
.text, #text, p{  
    color:rgb(227, 211, 213)  
}
```

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, 211, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 211, 213) }
```

Border

The CSS property to change the border of an element to RYB 227, 211, 213 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, 211, 213) }
```

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

```
.border{ border-color:rgb(227, 211, 213) }
```

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

Here you see how a box with a 4 pixel rgb(227, 211, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 211, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 211, 213);  
box-shadow:4px 4px 4px 4px rgb(227, 211,  
213) }
```

Background

The CSS property to change the background color of an element to RYB 227, 211, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 211, 213) }
```

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

```
.background{ background-color: rgb(227,  
211, 213) }
```

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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