

Converting Colors

`RYB(235, 215, 213)`

Have a look what the booklet for
RYB(235, 215, 213) contains.

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Color

$\text{RYB}(235, 215, 213)$

Conversions

Conversions Part 1

Format	Color
Hex	EBD7D5
RGB	235, 215, 213
RGB Percent	92%, 84%, 84%
CMY	0.0784, 0.1575, 0.1647
CMYK	0.00, 0.09, 0.09, 0.08
HSL	5°, 35%, 88%
HSV	5°, 9%, 92%
XYZ	70.5292, 70.9823, 72.9345
YIQ	220.7520, 12.5620, 3.6180

Conversions

Conversions Part 2

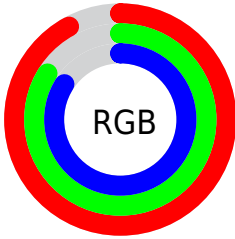
Format	Color
R _Y B	235, 215, 213
Decimal	15456213
CIE Lab	87.48, 6.65, 3.41
CIE LCh	87, 7.475, 27.181
Yxy	70.9823, 0.3289, 0.3310
Android (android.graphics.Color)	4293646293 (0xFFEBD7D5)
YUV	220.7520, -3.8217, 12.4955
Hunter-Lab	84.2510, 1.9888, 7.6495

Details

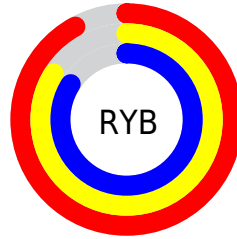
The RYB color **235, 215, 213** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **213, 223, 235**, and the grayscale version is **221, 221, 221**.

A 20% lighter version of the original color is **255, 255, 255**, and **179, 160, 158** is the 20% darker color. If you saturate the color by 10%, you get **235, 193, 190**, and if you desaturate by 10%, it is **235, 236, 237**.

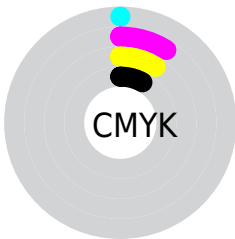
Distribution



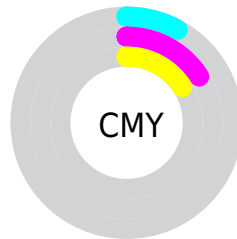
- Red (92%)
- Green (84%)
- Blue (84%)



- Red (92%)
- Yellow (84%)
- Blue (84%)



- Cyan (0%)
- Magenta (9%)
- Yellow (9%)
- Black (8%)



- Cyan (8%)
- Magenta (16%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 235, 215, 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 235, 215, 213 by changing the saturation by 10% instead.


 235, 215, 213

255, 255, 255


 235, 215, 213

 207, 187, 185

 179, 160, 158


 152, 134, 132

 126, 109, 107

 101, 84, 83

 77, 61, 60


 54, 39, 38

 33, 19, 18

 0, 0, 0

 235, 215, 213

 235, 215, 213

 235, 193, 190


 235, 236, 237

 235, 173, 166

 235, 245, 255

 235, 151, 143

 235, 130, 119

 235, 108, 96

 235, 87, 72

 235, 65, 49

 235, 43, 25

 235, 23, 2

Harmonies

Analogous

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



234, 215, 220



235, 215, 213



232, 220, 208

Triad

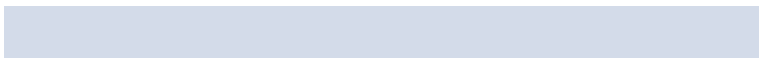
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



235, 215, 213



210, 222, 223



211, 217, 233

Complementary

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



235, 215, 213



213, 223, 235

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.



205, 215, 231



235, 215, 213



204, 216, 224

Square

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



235, 215, 213



207, 221, 210



202, 213, 225



220, 218, 232

Rectangle

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



235, 215, 213



224, 228, 206



202, 213, 225



209, 217, 233

Sweetspot

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



235, 215, 213



255, 248, 247



235, 213, 233



128, 123, 122



0, 0, 0



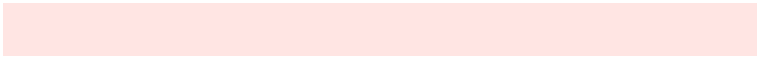
128, 128, 128

Same Dimension

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



235, 215, 213



255, 229, 227



231, 235, 213



117, 107, 106



181, 16, 0



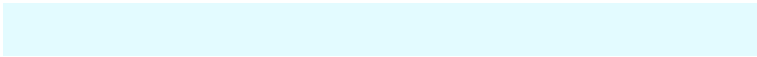
54, 4, 0

Inverse Universe

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



213, 223, 235



227, 240, 255



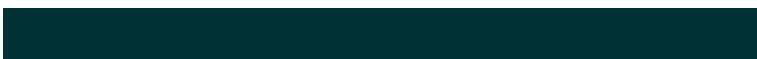
213, 219, 235



106, 111, 117



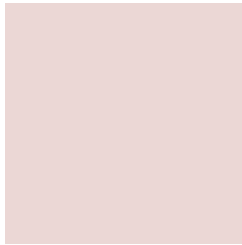
0, 87, 181



0, 26, 54

Previews

White Background



This preview shows how the RYB color 235, 215, 213 looks on a white background.

Color Contrast Check

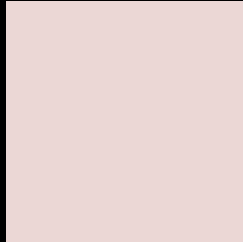
Large Text (above 18pt) WCAG AA × Fail

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 235, 215, 213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

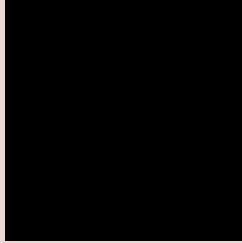
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

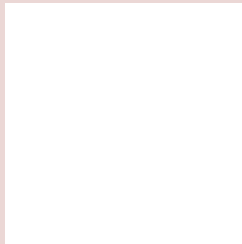
Any Text WCAG AAA ✓ Pass

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

RYB 235, 215, 213 Background



This preview shows how black text looks on a background with the RYB color 235, 215, 213.

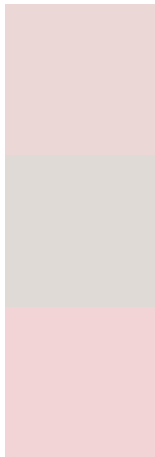


This preview shows how white text looks on a background with the RYB color 235, 215, 213.

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
235, 215, 213

Protanopia
224, 220, 215

Deuteranopia
243, 212, 214



Tritanopia
237, 212, 229

Trichromacy



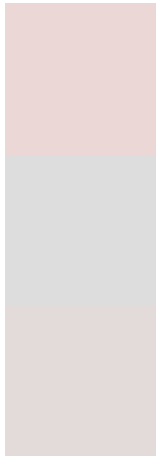
Original Color
235, 215, 213

Protanomaly
228, 218, 214

Deuteranomaly
240, 213, 214

Tritanomaly
236, 213, 223

Monochromacy



Original Color
235, 215, 213

Achromatopsia
221, 221, 221

Achromatomaly
226, 219, 218

CSS Examples

Text

The CSS property to change the color of the text to RYB 235, 215, 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(235, 215, 213) looks like.

```
.text, #text, p{  
    color:rgb(235, 215, 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(235, 215, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 215, 213) }
```

Border

The CSS property to change the border of an element to RYB 235, 215, 213 is called "border". The border property can be set on classes, ids or directly on the HTML element.

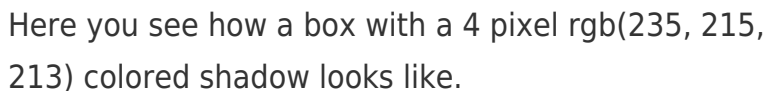
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(235, 215, 213) }
```

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

```
.border{ border-color:rgb(235, 215, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(235, 215, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 215, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 215, 213); box-shadow:4px 4px 4px 4px rgb(235, 215, 213) }
```

Background

The CSS property to change the background color of an element to RYB 235, 215, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 215, 213) }
```

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

```
.background{ background-color: rgb(235,  
215, 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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