

Converting Colors

`RYB(233, 215, 214)`

Have a look what the booklet for
RYB(233, 215, 214) contains.

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Color

R_YB(233, 215, 214)

Conversions

Conversions Part 1

Format	Color
Hex	E9D7D6
RGB	233, 215, 214
RGB Percent	91%, 84%, 84%
CMY	0.0863, 0.1571, 0.1608
CMYK	0.00, 0.08, 0.08, 0.09
HSL	3°, 30%, 88%
HSV	3°, 8%, 91%
XYZ	70.0296, 70.7541, 73.5843
YIQ	220.2680, 11.0490, 3.5050

Conversions

Conversions Part 2

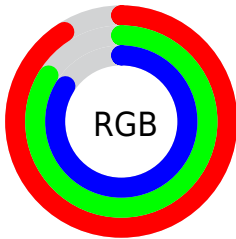
Format	Color
R _Y B	233, 215, 214
Decimal	15325142
CIE Lab	87.37, 6.06, 2.70
CIE LCh	87, 6.633, 24.066
Yxy	70.7541, 0.3267, 0.3301
Android (android.graphics.Color)	4293515222 (0xFFE9D7D6)
YUV	220.2680, -3.0901, 11.1660
Hunter-Lab	84.1155, 1.4066, 7.0139

Details

The RYB color **233, 215, 214** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **214, 223, 233**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is **255, 255, 255**, and **177, 160, 159** is the 20% darker color. If you saturate the color by 10%, you get **233, 193, 191**, and if you desaturate by 10%, it is **233, 235, 237**.

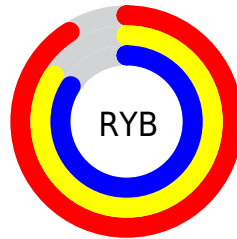
Distribution



Red (91%)

Green (84%)

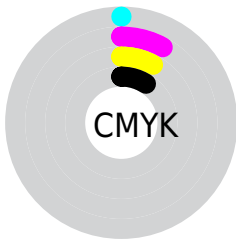
Blue (84%)



Red (91%)

Yellow (84%)

Blue (84%)

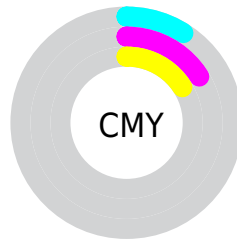


Cyan (0%)

Magenta (8%)

Yellow (8%)

Black (9%)



Cyan (9%)

Magenta (16%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 233, 215, 214 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 233, 215, 214 by changing the saturation by 10% instead.

 233, 215, 214

255, 255, 255

 233, 215, 214

 205, 187, 186

 177, 160, 159


 151, 134, 133

 125, 109, 108

 100, 84, 84

 76, 61, 61

 53, 40, 39

 31, 19, 18

 0, 0, 0

 233, 215, 214

 233, 215, 214

 233, 193, 191


 233, 235, 237

 233, 171, 167

 233, 244, 255

 233, 149, 144

 233, 126, 121

 233, 104, 98

 233, 82, 74

 233, 60, 51

 233, 39, 28

 233, 17, 4

Harmonies

Analogous

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



231, 215, 220



233, 215, 214



231, 219, 209

Triad

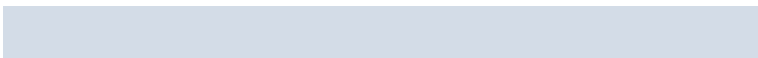
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



233, 215, 214



211, 222, 222



211, 217, 231

Complementary

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



233, 215, 214



214, 223, 233

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.



206, 215, 229



233, 215, 214



206, 216, 223

Square

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



233, 215, 214



207, 220, 208



204, 214, 224



219, 218, 230

Rectangle

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



233, 215, 214



228, 226, 207



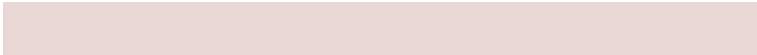
204, 214, 224



209, 216, 231

Sweetspot

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



233, 215, 214



255, 250, 250



233, 214, 232



128, 125, 125



0, 0, 0



128, 128, 128

Same Dimension

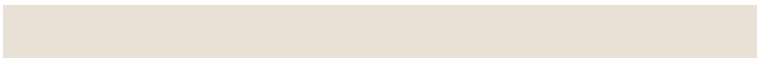
The Same Dimension uses a secret algorithm to generate beautiful new colors.



233, 215, 214



255, 231, 230



231, 233, 214



117, 106, 106



181, 9, 0



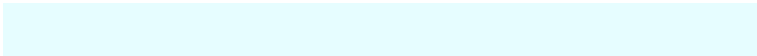
54, 3, 0

Inverse Universe

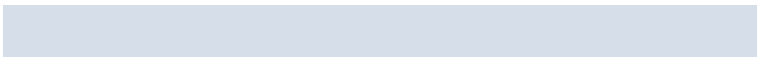
The Inverse Universe completely reimagines the original color for something new.



214, 223, 233



230, 242, 255



214, 220, 233



106, 112, 117



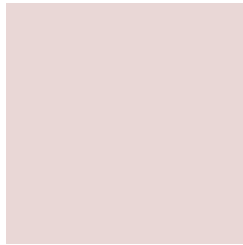
0, 88, 181



0, 26, 54

Previews

White Background



This preview shows how the RYB color 233, 215, 214 looks on a white background.

Color Contrast Check

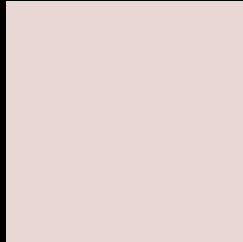
Large Text (above 18pt) WCAG AA × Fail

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 233, 215, 214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

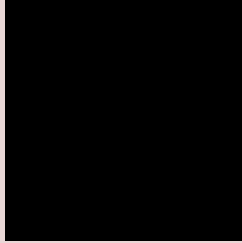
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

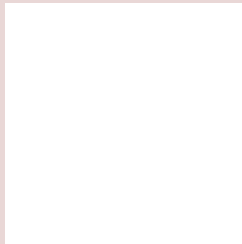
Any Text WCAG AAA ✓ Pass

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

RYP 233, 215, 214 Background



This preview shows how black text looks on a background with the RYB color 233, 215, 214.

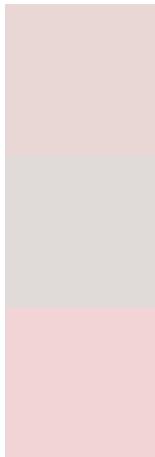


This preview shows how white text looks on a background with the RYB color 233, 215, 214.

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](#).

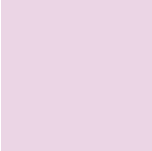
Dichromacy



Original Color
233, 215, 214

Protanopia
224, 219, 216

Deuteranopia
242, 212, 215



Tritanopia
235, 213, 229

Trichromacy



Original Color

233, 215, 214

Protanomaly

227, 217, 215

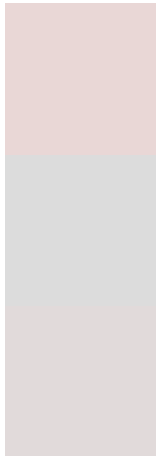
Deuteranomaly

239, 213, 215

Tritanomaly

234, 214, 224

Monochromacy



Original Color

233, 215, 214

Achromatopsia

220, 220, 220

Achromatomaly

225, 218, 218

CSS Examples

Text

The CSS property to change the color of the text to RGB 233, 215, 214 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(233, 215, 214) looks like.

```
.text, #text, p{  
    color:rgb(233, 215, 214)  
}
```

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(233, 215, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 215, 214) }
```

Border

The CSS property to change the border of an element to RYB 233, 215, 214 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(233, 215, 214) }
```

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

```
.border{ border-color:rgb(233, 215, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 215, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 215, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 215, 214);  
box-shadow:4px 4px 4px 4px rgb(233, 215,  
214) }
```

Background

The CSS property to change the background color of an element to RYB 233, 215, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 215, 214) }
```

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

```
.background{ background-color: rgb(233,  
215, 214) }
```

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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