

Converting Colors

`RYB(229, 225, 213)`

Have a look what the booklet for
RYB(229, 225, 213) contains.

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Color

R_YB(229, 225, 213)

Conversions

Conversions Part 1

Format	Color
Hex	E5DCD5
RGB	229, 220, 213
RGB Percent	90%, 86%, 84%
CMY	0.1020, 0.1378, 0.1647
CMYK	0.00, 0.04, 0.07, 0.10
HSL	26°, 24%, 87%
HSV	26°, 7%, 90%
XYZ	69.8791, 72.5736, 73.2759
YIQ	221.8930, 7.6110, -0.2690

Conversions

Conversions Part 2

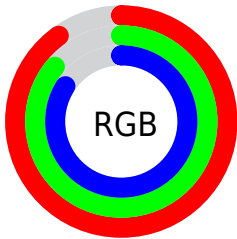
Format	Color
RYP	229, 225, 213
Decimal	15064277
CIELab	88.24, 1.95, 4.47
CIELCh	88, 4.871, 66.453
Yxy	72.5736, 0.3239, 0.3364
Android (android.graphics.Color)	4293254357 (0xFFE5DCD5)
YUV	221.8930, -4.3842, 6.2328
Hunter-Lab	85.1901, -2.6641, 8.6351

Details

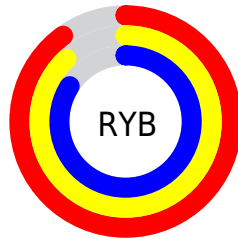
The RYB color **229, 225, 213** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **213, 219, 229**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is **255, 255, 255**, and **174, 170, 158** is the 20% darker color. If you saturate the color by 10%, you get **229, 220, 190**, and if you desaturate by 10%, it is **229, 232, 236**.

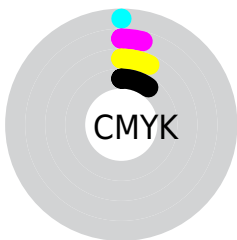
Distribution



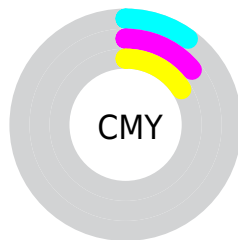
- Red (90%)
- Green (86%)
- Blue (84%)



- Red (90%)
- Yellow (88%)
- Blue (84%)



- Cyan (0%)
- Magenta (4%)
- Yellow (7%)
- Black (10%)



- Cyan (10%)
- Magenta (14%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 229, 225, 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 229, 225, 213 by changing the saturation by 10% instead.

■ 229, 225, 213

255, 255, 255

■ 229, 225, 213

■ 201, 197, 185

■ 174, 170, 158

■ 147, 145, 132

■ 121, 118, 107

■ 96, 94, 83

■ 73, 68, 60

■ 50, 47, 38

■ 29, 27, 18

■ 0, 0, 0

 229, 225, 213

 229, 225, 213

 229, 220, 190

 229, 232, 236

 229, 215, 167

 229, 239, 255


 229, 210, 144

 229, 242, 255

 229, 204, 121

 229, 196, 98

 229, 189, 76

 229, 184, 53

 229, 178, 30

 229, 173, 7

Harmonies

Analogous

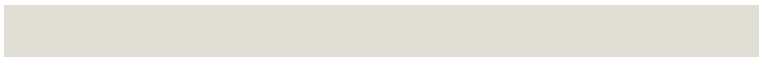
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



232, 220, 216



229, 225, 213



216, 224, 212

Triad

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



229, 225, 213



211, 218, 224



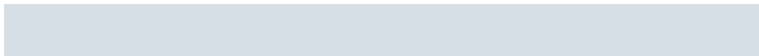
224, 220, 229

Complementary

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



229, 225, 213



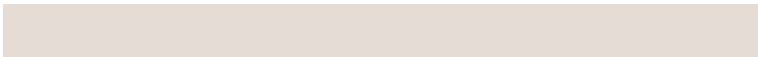
213, 219, 229

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.



218, 220, 230



229, 225, 213



211, 218, 227

Square

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



229, 225, 213



214, 221, 224



213, 219, 230



229, 219, 225

Rectangle

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



229, 225, 213



213, 222, 214



213, 219, 230



222, 220, 230

Sweetspot

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



229, 225, 213



255, 253, 250



229, 213, 222



128, 127, 125



0, 0, 0



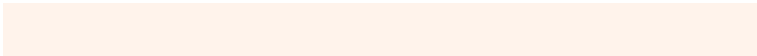
128, 128, 128

Same Dimension

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



229, 225, 213



255, 248, 235



214, 229, 213



115, 112, 103



179, 135, 0



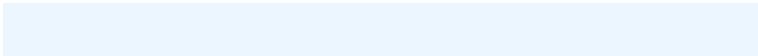
51, 39, 0

Inverse Universe

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



213, 219, 229



235, 242, 255



213, 214, 229



103, 107, 115



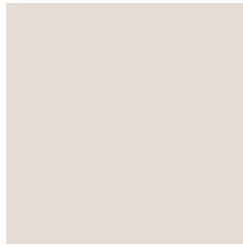
0, 65, 179



0, 18, 51

Previews

White Background



This preview shows how the RYB color 229, 225, 213 looks on a white background.

Color Contrast Check

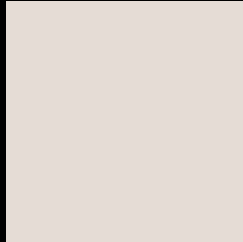
Large Text (above 18pt) WCAG AA × Fail

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 229, 225, 213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

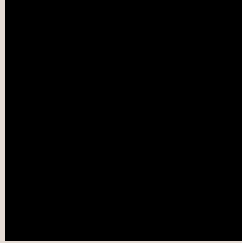
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

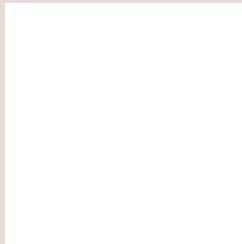
Any Text WCAG AAA ✓ Pass

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

RYB 229, 225, 213 Background



This preview shows how black text looks on a background with the RYB color 229, 225, 213.

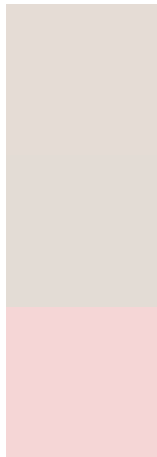


This preview shows how white text looks on a background with the RYB color 229, 225, 213.

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
229, 225, 213

Protanopia
227, 227, 213

Deuteranopia
245, 214, 214



Tritanopia

232, 217, 234

Trichromacy



Original Color

229, 225, 213

Protanomaly

228, 226, 213

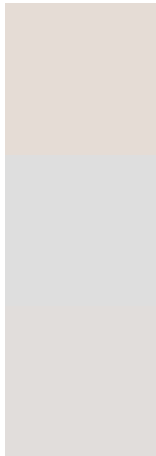
Deuteranomaly

239, 216, 214

Tritanomaly

231, 218, 226

Monochromacy



Original Color

229, 225, 213

Achromatopsia

222, 222, 222

Achromatomaly

225, 222, 219

CSS Examples

Text

The CSS property to change the color of the text to RYB 229, 225, 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(229, 220, 213) looks like.

```
.text, #text, p{  
    color:rgb(229, 220, 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(229, 220, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 220, 213) }
```

Border

The CSS property to change the border of an element to RYB 229, 225, 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(229, 220, 213) }
```

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

```
.border{ border-color:rgb(229, 220, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 220, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 220, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 220, 213);  
box-shadow:4px 4px 4px 4px rgb(229, 220,  
213) }
```

Background

The CSS property to change the background color of an element to RYB 229, 225, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 220, 213) }
```

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

```
.background{ background-color: rgb(229,  
220, 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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