

Converting Colors

`RYB(215, 227, 213)`

Have a look what the booklet for
RYB(215, 227, 213) contains.

RYB(215, 227, 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

R_YB(215, 227, 213)

Conversions

Conversions Part 1

Format	Color
Hex	E3E1D5
RGB	227, 225, 213
RGB Percent	89%, 88%, 84%
CMY	0.1098, 0.1167, 0.1647
CMYK	0.00, 0.01, 0.06, 0.11
HSL	53°, 20%, 86%
HSV	53°, 6%, 89%
XYZ	70.6816, 75.1207, 73.7252
YIQ	224.2300, 5.0440, -3.3080

Conversions

Conversions Part 2

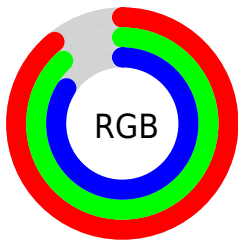
Format	Color
R _Y B	215, 227, 213
Decimal	14934485
CIE Lab	89.45, -1.53, 6.19
CIE LCh	89, 6.372, 103.886
Yxy	75.1207, 0.3220, 0.3422
Android (android.graphics.Color)	4293124565 (0xFFE3E1D5)
YUV	224.2300, -5.5364, 2.4293
Hunter-Lab	86.6722, -6.1086, 10.2372

Details

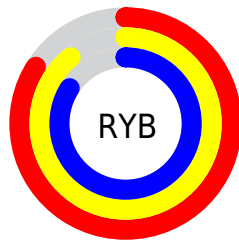
The RYB color **215, 227, 213** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **213, 215, 227**, and the grayscale version is **224, 224, 224**.

A 20% lighter version of the original color is **255, 255, 255**, and **160, 172, 158** is the 20% darker color. If you saturate the color by 10%, you get **196, 227, 190**, and if you desaturate by 10%, it is **227, 228, 236**.

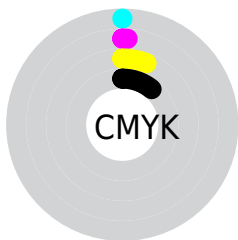
Distribution



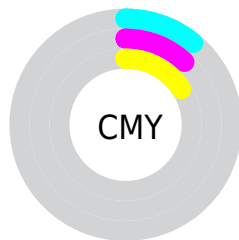
- Red (89%)
- Green (88%)
- Blue (84%)



- Red (84%)
- Yellow (89%)
- Blue (84%)



- Cyan (0%)
- Magenta (1%)
- Yellow (6%)
- Black (11%)



- Cyan (11%)
- Magenta (12%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 215, 227, 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 215, 227, 213 by changing the saturation by 10% instead.

■ 215, 227, 213

255, 255, 255

■ 215, 227, 213

■ 187, 199, 185

■ 160, 172, 158

■ 133, 145, 132

■ 108, 119, 107

■ 85, 95, 83

■ 61, 71, 60

■ 40, 49, 38

■ 19, 28, 18

■ 0, 0, 0

 215, 227, 213

 215, 227, 213

 196, 227, 190

 227, 228, 236

 176, 227, 168

 227, 231, 255

 156, 227, 145

 227, 233, 255

 137, 227, 122

 227, 234, 255

 118, 227, 100

 227, 235, 255

 99, 227, 77


 227, 237, 255

 79, 227, 54

 227, 238, 255

 58, 227, 31

 227, 239, 255

 40, 227, 9

 227, 240, 255

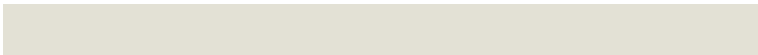
Harmonies

Analogous

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



233, 233, 213



215, 227, 213



216, 227, 223

Triad

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



215, 227, 213



211, 221, 233



235, 221, 228

Complementary

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



215, 227, 213



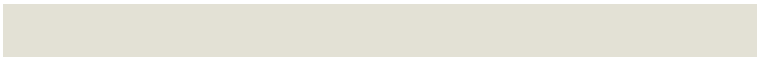
213, 215, 227

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.



230, 222, 234



215, 227, 213



215, 222, 236

Square

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



215, 227, 213



210, 220, 229



222, 224, 236



238, 221, 222

Rectangle

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



215, 227, 213



216, 226, 228



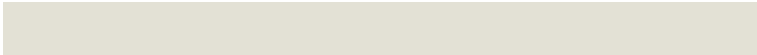
222, 224, 236



234, 221, 230

Sweetspot

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



215, 227, 213



251, 255, 250



227, 213, 215



127, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

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



215, 227, 213



239, 255, 237



213, 227, 218



107, 115, 106



26, 179, 0



7, 51, 0

Inverse Universe

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



213, 215, 227



237, 239, 255



218, 213, 227



106, 107, 115



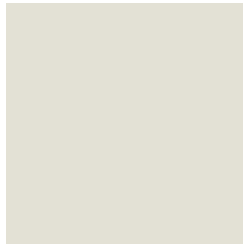
0, 20, 179



0, 5, 51

Previews

White Background



This preview shows how the RYB color 215, 227, 213 looks on a white background.

Color Contrast Check

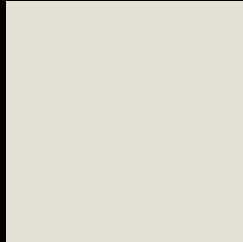
Large Text (above 18pt) WCAG AA × Fail

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 215, 227, 213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

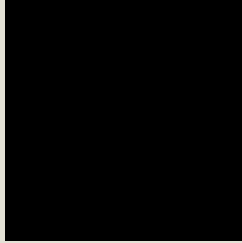
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

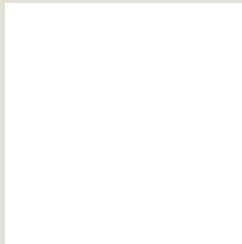
Any Text WCAG AAA ✓ Pass

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

RYB 215, 227, 213 Background



This preview shows how black text looks on a background with the RYB color 215, 227, 213.

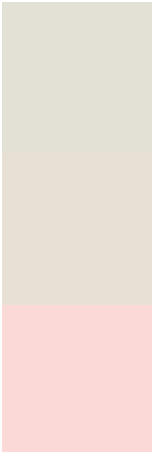


This preview shows how white text looks on a background with the RYB color 215, 227, 213.

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](#).

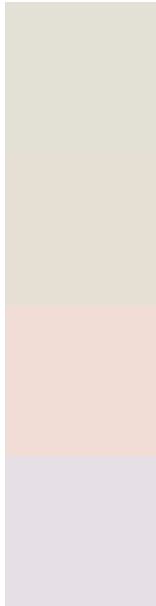
Dichromacy

	Original Color 215, 227, 213
	Protanopia 225, 232, 212
	Deuteranopia 250, 217, 215



Tritanopia
231, 221, 239

Trichromacy



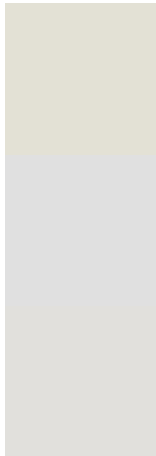
Original Color
215, 227, 213

Protanomaly
221, 230, 212

Deuteranomaly
242, 222, 214

Tritanomaly
230, 223, 230

Monochromacy



Original Color
215, 227, 213

Achromatopsia
224, 224, 224

Achromatomaly
221, 225, 220

CSS Examples

Text

The CSS property to change the color of the text to RYB 215, 227, 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, 225, 213) looks like.

```
.text, #text, p{  
    color:rgb(227, 225, 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, 225, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 225, 213) }
```

Border

The CSS property to change the border of an element to RYB 215, 227, 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, 225, 213) }
```

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

```
.border{ border-color:rgb(227, 225, 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, 225, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 225, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 225, 213);  
box-shadow:4px 4px 4px 4px rgb(227, 225,  
213) }
```

Background

The CSS property to change the background color of an element to RGB 227, 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(227, 225, 213) }
```

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

```
.background{ background-color: rgb(227,  
225, 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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