

Converting Colors

`RYB(222, 235, 212)`

Have a look what the booklet for
RYB(222, 235, 212) contains.

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Color

$\text{RYB}(222, 235, 212)$

Conversions

Conversions Part 1

Format	Color
Hex	EBE4D4
RGB	235, 228, 212
RGB Percent	92%, 89%, 83%
CMY	0.0784, 0.1058, 0.1686
CMYK	0.00, 0.03, 0.10, 0.08
HSL	42°, 37%, 88%
HSV	42°, 10%, 92%
XYZ	73.8964, 77.9191, 73.4325
YIQ	228.2690, 9.3080, -3.4920

Conversions

Conversions Part 2

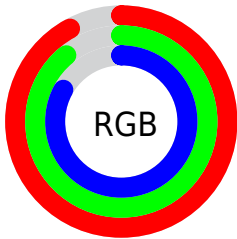
Format	Color
R _Y B	222, 235, 212
Decimal	15459540
CIE Lab	90.74, -0.34, 8.65
CIE LCh	91, 8.656, 92.242
Yxy	77.9191, 0.3281, 0.3459
Android (android.graphics.Color)	4293649620 (0xFFEBE4D4)
YUV	228.2690, -8.0206, 5.9031
Hunter-Lab	88.2718, -5.0452, 12.4675

Details

The RYB color **222, 235, 212** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **212, 217, 235**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is **255, 255, 255**, and **165, 179, 157** is the 20% darker color. If you saturate the color by 10%, you get **209, 235, 189**, and if you desaturate by 10%, it is **235, 235, 236**.

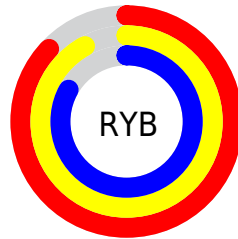
Distribution



Red (92%)

Green (89%)

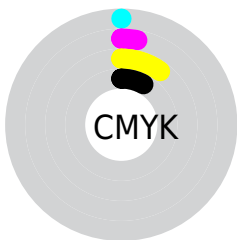
Blue (83%)



Red (87%)

Yellow (92%)

Blue (83%)

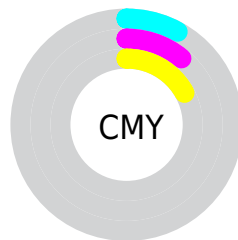


Cyan (0%)

Magenta (3%)

Yellow (10%)

Black (8%)



Cyan (8%)

Magenta (11%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RYB color 222, 235, 212 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 222, 235, 212 by changing the saturation by 10% instead.

■ 222, 235, 212

255, 255, 255

■ 222, 235, 212

■ 194, 207, 184

■ 165, 179, 157

■ 139, 152, 131

■ 115, 126, 106

■ 89, 101, 82

■ 66, 77, 59

■ 42, 54, 37

■ 22, 33, 17

■ 0, 3, 0

 222, 235, 212

 222, 235, 212

 209, 235, 189

 235, 235, 236

 195, 235, 165

 235, 240, 255


 182, 235, 142


 235, 243, 255

 168, 235, 118

 235, 245, 255

 157, 235, 95

 143, 235, 71

 130, 235, 48

 116, 235, 24

 103, 235, 1

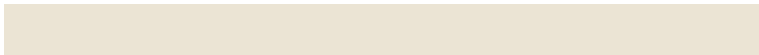
Harmonies

Analogous

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



243, 232, 214



222, 235, 212



214, 231, 220

Triad

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



222, 235, 212



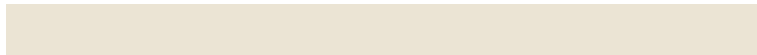
208, 221, 237



240, 224, 236

Complementary

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



222, 235, 212



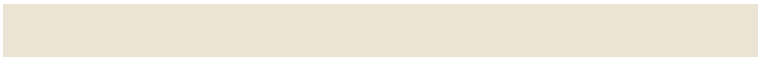
212, 217, 235

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.



231, 226, 242



222, 235, 212



212, 224, 243

Square

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



222, 235, 212



210, 223, 234



221, 227, 245



246, 223, 228

Rectangle

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



222, 235, 212



218, 232, 231



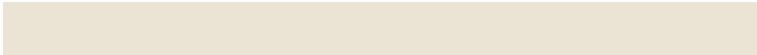
221, 227, 245



237, 225, 239

Sweetspot

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



222, 235, 212



250, 255, 247



235, 212, 219



125, 128, 122



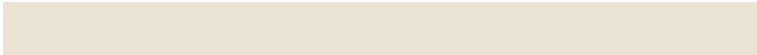
0, 0, 0



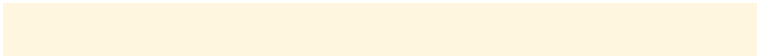
128, 128, 128

Same Dimension

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



222, 235, 212



237, 255, 224



212, 235, 216



110, 117, 106



79, 181, 0



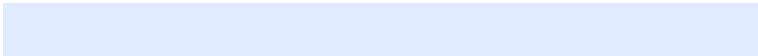
25, 54, 0

Inverse Universe

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



212, 217, 235



224, 232, 255



216, 212, 235



106, 108, 117



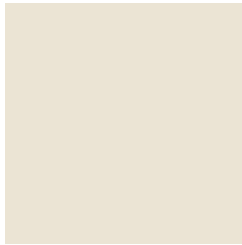
0, 42, 181



0, 12, 54

Previews

White Background



This preview shows how the RYB color 222, 235, 212 looks on a white background.

Color Contrast Check

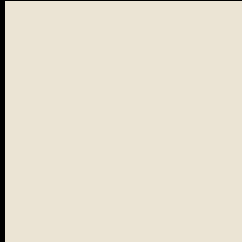
Large Text (above 18pt) WCAG AA × Fail

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 222, 235, 212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

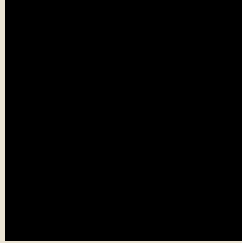
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

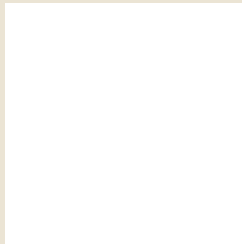
Any Text WCAG AAA ✓ Pass

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

RYB 222, 235, 212 Background



This preview shows how black text looks on a background with the RYB color 222, 235, 212.

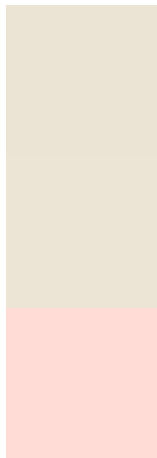


This preview shows how white text looks on a background with the RYB color 222, 235, 212.

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
222, 235, 212

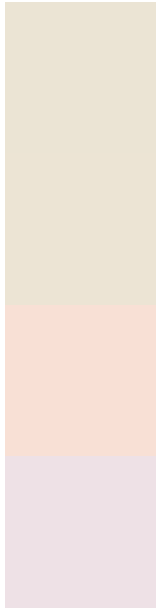
Protanopia
224, 236, 212

Deuteranopia
255, 222, 214



Tritanopia
239, 224, 241

Trichromacy



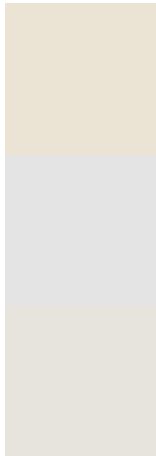
Original Color
222, 235, 212

Protanomaly
224, 236, 212

Deuteranomaly
248, 229, 213

Tritanomaly
238, 225, 230

Monochromacy



Original Color
222, 235, 212

Achromatopsia
228, 228, 228

Achromatomaly
227, 231, 222

CSS Examples

Text

The CSS property to change the color of the text to RYB 222, 235, 212 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, 228, 212) looks like.

```
.text, #text, p{  
    color:rgb(235, 228, 212)  
}
```

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, 228, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 228, 212) }
```

Border

The CSS property to change the border of an element to RYB 222, 235, 212 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, 228, 212) }
```

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

```
.border{ border-color:rgb(235, 228, 212) }
```

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

Here you see how a box with a 4 pixel rgb(235, 228, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 228, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 228, 212);  
box-shadow:4px 4px 4px 4px rgb(235, 228,  
212) }
```

Background

The CSS property to change the background color of an element to RYB 222, 235, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 228, 212) }
```

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

```
.background{ background-color: rgb(235,  
228, 212) }
```

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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