

Converting Colors

`RYB(210, 240, 215)`

Have a look what the booklet for
RYB(210, 240, 215) contains.

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Color

$\text{RYB}(210, 240, 215)$

Conversions

Conversions Part 1

Format	Color
Hex	EBF0D2
RGB	235, 240, 210
RGB Percent	92%, 94%, 82%
CMY	0.0784, 0.0588, 0.1765
CMYK	0.02, 0.00, 0.13, 0.06
HSL	70°, 50%, 88%
HSV	70°, 13%, 94%
XYZ	77.0539, 84.6355, 73.2479
YIQ	235.0850, 6.6500, -10.3900

Conversions

Conversions Part 2

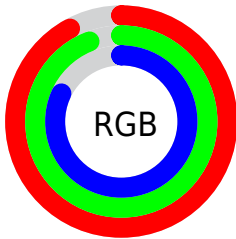
Format	Color
R _Y B	210, 240, 215
Decimal	15462610
CIE Lab	93.73, -6.74, 13.94
CIE LCh	94, 15.482, 115.800
Yxy	84.6355, 0.3280, 0.3602
Android (android.graphics.Color)	4293652690 (0xFFEBF0D2)
YUV	235.0850, -12.3669, -0.0745
Hunter-Lab	91.9975, -11.4904, 17.1920

Details

The RYB color **210, 240, 215** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **215, 210, 240**, and the grayscale version is **235, 235, 235**.

A 20% lighter version of the original color is **255, 255, 255**, and **155, 184, 160** is the 20% darker color. If you saturate the color by 10%, you get **186, 240, 195**, and if you desaturate by 10%, it is **234, 240, 235**.

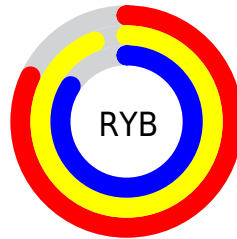
Distribution



Red (92%)

Green (94%)

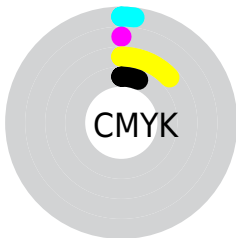
Blue (82%)



Red (82%)

Yellow (94%)

Blue (84%)

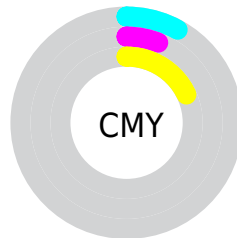


Cyan (2%)

Magenta (0%)

Yellow (13%)

Black (6%)



Cyan (8%)

Magenta (6%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 210, 240, 215 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 210, 240, 215 by changing the saturation by 10% instead.

■ 210, 240, 215

255, 255, 255

■ 210, 240, 215

■ 182, 212, 187

■ 155, 184, 160

■ 129, 157, 134

■ 104, 131, 109

■ 80, 106, 85

■ 57, 82, 62

■ 35, 59, 40

■ 14, 37, 19

■ 0, 17, 14

 210, 240, 215

 210, 240, 215

 186, 240, 195

 234, 240, 235

 162, 240, 175

 243, 240, 255

 138, 240, 155

 247, 240, 255

 114, 240, 135

 251, 240, 255

 90, 240, 115

 255, 240, 255

 66, 240, 95

 42, 240, 75

 18, 240, 55

 0, 240, 40

Harmonies

Analogous

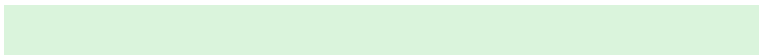
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



232, 251, 207



210, 240, 215



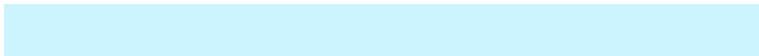
218, 242, 244

Triad

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



210, 240, 215



204, 226, 255



255, 227, 240

Complementary

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



210, 240, 215



215, 210, 240

Split Complementary

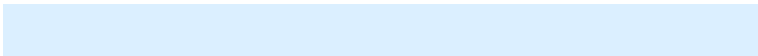
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 229, 254



210, 240, 215



219, 232, 255

Square

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



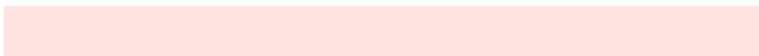
210, 240, 215



199, 223, 249



237, 234, 255



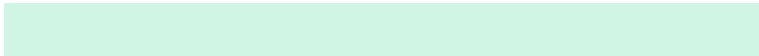
255, 227, 225

Rectangle

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



210, 240, 215



208, 232, 245



237, 234, 255



255, 228, 245

Sweetspot

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



210, 240, 215



245, 255, 247



240, 216, 210



121, 128, 123



0, 0, 0



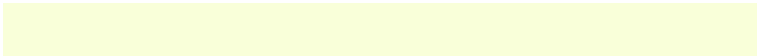
128, 128, 128

Same Dimension

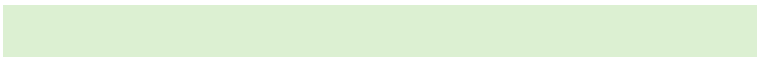
The Same Dimension uses a secret algorithm to generate beautiful new colors.



210, 240, 215



217, 255, 223



210, 240, 230



108, 120, 110



0, 184, 31



0, 56, 9

Inverse Universe

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



215, 210, 240



223, 217, 255



230, 210, 240



110, 108, 120



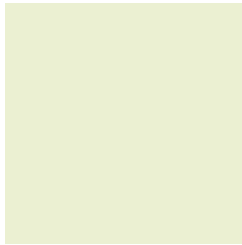
31, 0, 184



9, 0, 56

Previews

White Background



This preview shows how the RYB color 210, 240, 215 looks on a white background.

Color Contrast Check

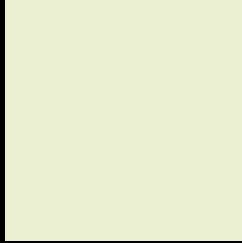
Large Text (above 18pt) WCAG AA × Fail

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 210, 240, 215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

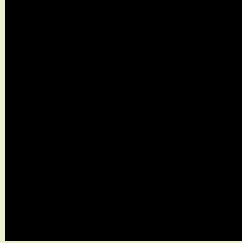
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

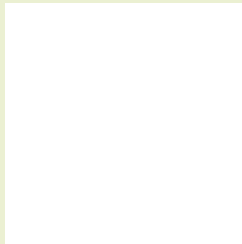
Any Text WCAG AAA ✓ Pass

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

RYB 210, 240, 215 Background



This preview shows how black text looks on a background with the RYB color 210, 240, 215.

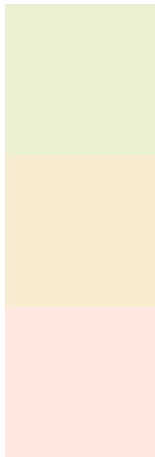


This preview shows how white text looks on a background with the RYB color 210, 240, 215.

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
210, 240, 215

Protanopia
225, 248, 208

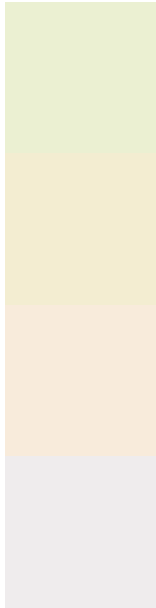
Deuteranopia
255, 235, 224



Tritanopia

241, 234, 252

Trichromacy



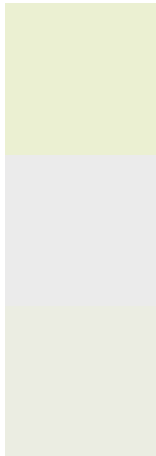
Original Color
210, 240, 215

Protanomaly
216, 243, 209

Deuteranomaly
243, 248, 219

Tritanomaly
239, 236, 237

Monochromacy



Original Color
210, 240, 215

Achromatopsia
235, 235, 235

Achromatomaly
226, 237, 228

CSS Examples

Text

The CSS property to change the color of the text to RYB 210, 240, 215 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, 240, 210) looks like.

```
.text, #text, p{  
    color:rgb(235, 240, 210)  
}
```

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, 240, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 240, 210) }
```

Border

The CSS property to change the border of an element to RYB 210, 240, 215 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, 240, 210) }
```

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

```
.border{ border-color:rgb(235, 240, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 240, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 240, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 240, 210);  
box-shadow:4px 4px 4px 4px rgb(235, 240,  
210) }
```

Background

The CSS property to change the background color of an element to RGB 235, 240, 210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 240, 210) }
```

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

```
.background{ background-color: rgb(235,  
240, 210) }
```

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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