

Converting Colors

`RYB(215, 242, 219)`

Have a look what the booklet for
RYB(215, 242, 219) contains.

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Color

R_YB(215, 242, 219)

Conversions

Conversions Part 1

Format	Color
Hex	EEF2D7
RGB	238, 242, 215
RGB Percent	93%, 95%, 84%
CMY	0.0667, 0.0510, 0.1569
CMYK	0.02, 0.00, 0.11, 0.05
HSL	69°, 51%, 90%
HSV	69°, 11%, 95%
XYZ	79.2778, 86.5877, 76.8247
YIQ	237.7260, 6.2830, -9.2450

Conversions

Conversions Part 2

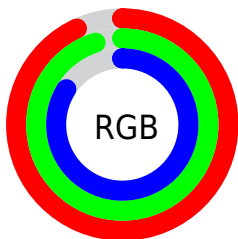
Format	Color
RYB	215, 242, 219
Decimal	15659735
CIELab	94.56, -5.90, 12.58
CIElCh	95, 13.893, 115.152
Yxy	86.5877, 0.3267, 0.3568
Android (android.graphics.Color)	4293849815 (0xFFEEF2D7)
YUV	237.7260, -11.2039, 0.2403
Hunter-Lab	93.0525, -10.7656, 16.1866

Details

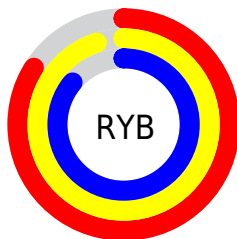
The RYB color **215, 242, 219** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **219, 215, 242**, and the grayscale version is **238, 238, 238**.

A 20% lighter version of the original color is **255, 255, 255**, and **160, 186, 164** is the 20% darker color. If you saturate the color by 10%, you get **191, 242, 199**, and if you desaturate by 10%, it is **239, 242, 239**.

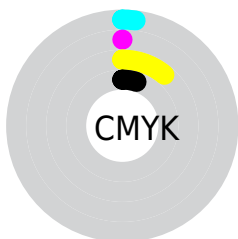
Distribution



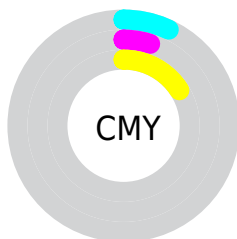
- Red (93%)
- Green (95%)
- Blue (84%)



- Red (84%)
- Yellow (95%)
- Blue (86%)



- Cyan (2%)
- Magenta (0%)
- Yellow (11%)
- Black (5%)



- Cyan (7%)
- Magenta (5%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 215, 242, 219 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, 242, 219 by changing the saturation by 10% instead.

■ 215, 242, 219

255, 255, 255

■ 215, 242, 219

■ 187, 214, 191

■ 160, 186, 164

■ 134, 159, 138

■ 109, 133, 113

■ 84, 108, 88

■ 61, 83, 64


■ 39, 60, 42

■ 19, 39, 23

■ 0, 18, 8

 215, 242, 219

 215, 242, 219

 191, 242, 199

 239, 242, 239

 167, 242, 178

 245, 242, 255

 142, 242, 157

 249, 242, 255

 118, 242, 136

 252, 242, 255

 94, 242, 116

 255, 242, 255

 70, 242, 96

 46, 242, 75

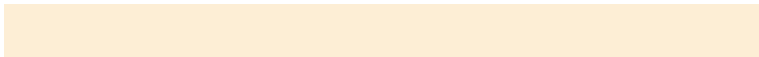
 21, 242, 54

 0, 242, 36

Harmonies

Analogous

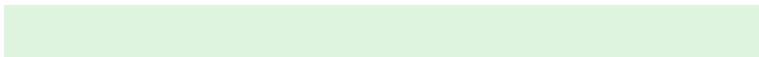
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237, 253, 213



215, 242, 219



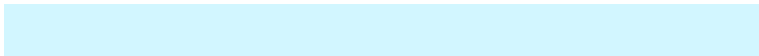
223, 244, 245

Triad

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



215, 242, 219



210, 230, 255



255, 230, 242

Complementary

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



215, 242, 219



219, 215, 242

Split Complementary

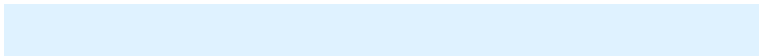
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 233, 255



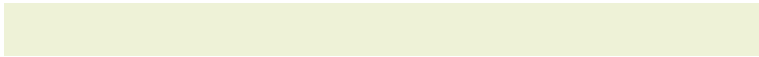
215, 242, 219



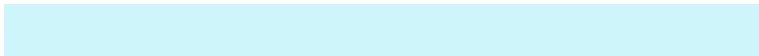
223, 235, 255

Square

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



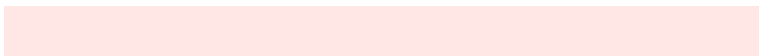
215, 242, 219



206, 227, 250



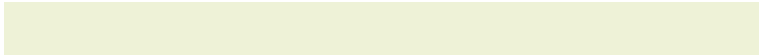
239, 237, 255



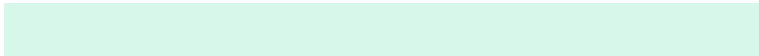
255, 231, 229

Rectangle

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



215, 242, 219



214, 235, 247



239, 237, 255



255, 231, 247

Sweetspot

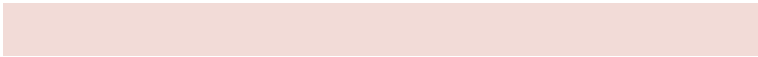
The Sweet Spot groups the original color and five complimentary colors.



215, 242, 219



247, 255, 248



242, 220, 215



122, 128, 123



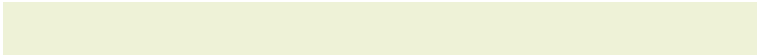
0, 0, 0



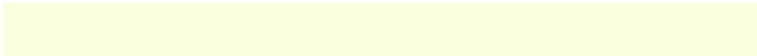
128, 128, 128

Same Dimension

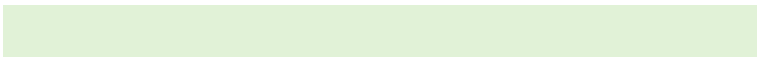
The Same Dimension uses a secret algorithm to generate beautiful new colors.



215, 242, 219



222, 255, 227



215, 242, 232



108, 120, 110



0, 184, 28



0, 56, 8

Inverse Universe

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



219, 215, 242



227, 222, 255



232, 215, 242



110, 108, 120



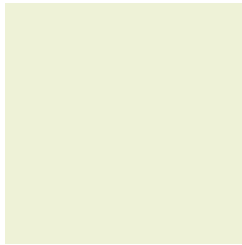
27, 0, 184



8, 0, 56

Previews

White Background



This preview shows how the RYB color 215, 242, 219 looks on a white background.

Color Contrast Check

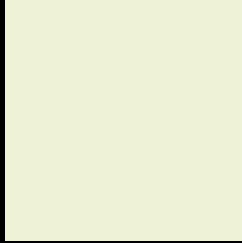
Large Text (above 18pt) WCAG AA × Fail

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, 242, 219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

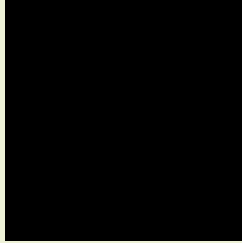
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

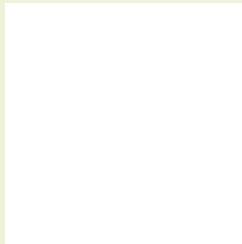
Any Text WCAG AAA ✓ Pass

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

RYB 215, 242, 219 Background



This preview shows how black text looks on a background with the RYB color 215, 242, 219.

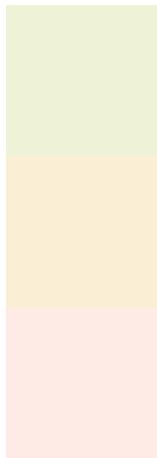


This preview shows how white text looks on a background with the RYB color 215, 242, 219.

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, 242, 219

Protanopia
231, 250, 213

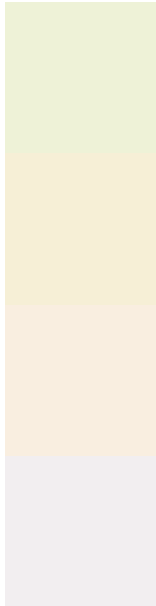
Deuteranopia
255, 237, 229



Tritanopia

244, 236, 255

Trichromacy



Original Color
215, 242, 219

Protanomaly
223, 246, 214

Deuteranomaly
244, 249, 224

Tritanomaly
242, 238, 240

Monochromacy



Original Color
215, 242, 219

Achromatopsia
238, 238, 238

Achromatomaly
230, 239, 231

CSS Examples

Text

The CSS property to change the color of the text to RYB 215, 242, 219 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(238, 242, 215) looks like.

```
.text, #text, p{  
    color:rgb(238, 242, 215)  
}
```

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(238, 242, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 242, 215) }
```

Border

The CSS property to change the border of an element to RYB 215, 242, 219 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(238, 242, 215) }
```

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

```
.border{ border-color:rgb(238, 242, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 242, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 242, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 242, 215);  
box-shadow:4px 4px 4px 4px rgb(238, 242,  
215) }
```

Background

The CSS property to change the background color of an element to RGB 238, 242, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 242, 215) }
```

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

```
.background{ background-color: rgb(238,  
242, 215) }
```

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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