

# Converting Colors

`RYB(225, 241, 227)`

Have a look what the booklet for RYB(225, 241, 227) contains.

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# **Color**

**R<sub>Y</sub>B(225, 241, 227)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EFF1E1
RGB	239, 241, 225
RGB Percent	94%, 95%, 88%
CMY	0.0627, 0.0549, 0.1176
CMYK	0.01, 0.00, 0.07, 0.05
HSL	67°, 36%, 91%
HSV	67°, 7%, 95%
XYZ	80.6425, 86.6976, 83.7182
YIQ	238.5780, 3.9440, -5.4000

# Conversions

## Conversions Part 2

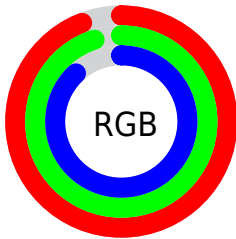
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	225, 241, 227
Decimal	15725025
CIE Lab	94.61, -3.42, 7.48
CIE LCh	95, 8.227, 114.568
Yxy	86.6976, 0.3212, 0.3453
Android (android.graphics.Color)	4293915105 (0xFFEFF1E1)
YUV	238.5780, -6.6940, 0.3701
Hunter-Lab	93.1115, -8.3490, 11.8694

# Details

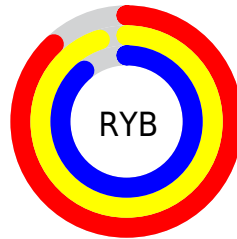
The RYB color **225, 241, 227** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **227, 225, 241**, and the grayscale version is **239, 239, 239**.

A 20% lighter version of the original color is 255, 255, 255, and **170, 185, 172** is the 20% darker color. If you saturate the color by 10%, you get **201, 241, 206**, and if you desaturate by 10%, it is **242, 241, 249**.

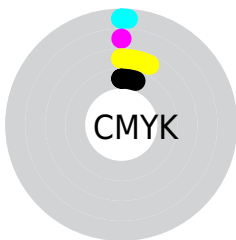
# Distribution



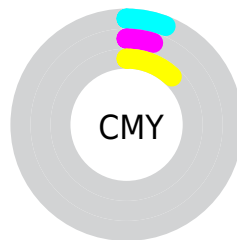
- Red (94%)
- Green (95%)
- Blue (88%)



- Red (88%)
- Yellow (95%)
- Blue (89%)



- Cyan (1%)
- Magenta (0%)
- Yellow (7%)
- Black (5%)



- Cyan (6%)
- Magenta (5%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 225, 241, 227 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 225, 241, 227 by changing the saturation by 10% instead.



■ 225, 241, 227

255, 255, 255

■ 225, 241, 227

■ 197, 213, 199

■ 170, 185, 172

■ 143, 158, 145

■ 118, 132, 120

■ 93, 107, 95

■ 69, 83, 71


■ 47, 60, 49

■ 26, 38, 28

■ 0, 17, 1

 225, 241, 227

 225, 241, 227

 201, 241, 206

 242, 241, 249


 177, 241, 185

 245, 241, 255

 153, 241, 164

 248, 241, 255

 129, 241, 143

 251, 241, 255

 104, 241, 121

 254, 241, 255

 80, 241, 100

 255, 241, 255

 56, 241, 79

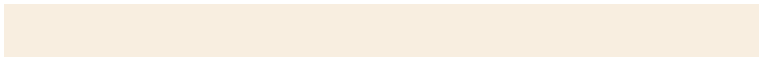
 32, 241, 58

 8, 241, 37

# Harmonies

## Analogous

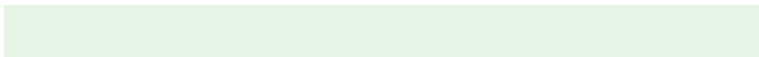
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



241, 248, 224



225, 241, 227



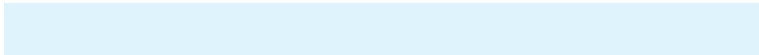
230, 243, 243

# Triad

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



225, 241, 227



223, 235, 252



255, 234, 241

# Complementary

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



225, 241, 227



227, 225, 241

# Split Complementary

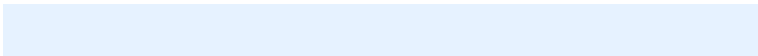
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



249, 236, 249



225, 241, 227



230, 238, 255

# Square

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



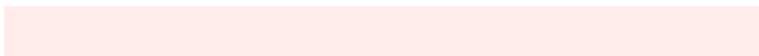
225, 241, 227



220, 232, 246



240, 238, 254



255, 235, 233

# Rectangle

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



225, 241, 227



225, 237, 244



240, 238, 254



253, 235, 244



# Sweetspot

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



225, 241, 227



250, 255, 251



241, 227, 225



125, 128, 126



0, 0, 0

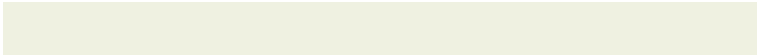


128, 128, 128



# Same Dimension

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



225, 241, 227



235, 255, 238



225, 241, 235



108, 120, 110



0, 184, 23



0, 56, 7



# Inverse Universe

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



227, 225, 241



237, 235, 255



235, 225, 241



109, 108, 120



23, 0, 184

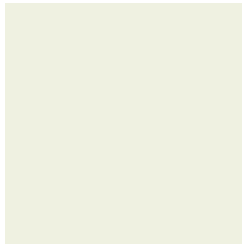


7, 0, 56



# Previews

## White Background



This preview shows how the RYB color 225, 241, 227 looks on a white background.

## Color Contrast Check

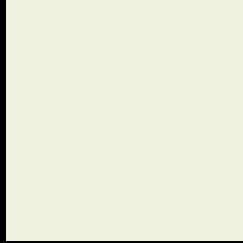
Large Text (above 18pt) WCAG AA × Fail

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 225, 241, 227 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

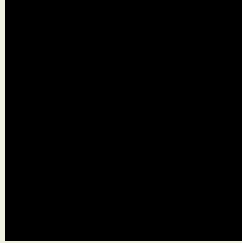
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

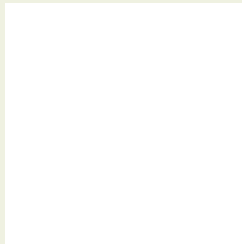
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## **RYB 225, 241, 227 Background**



This preview shows how black text looks on a background with the RYB color 225, 241, 227.

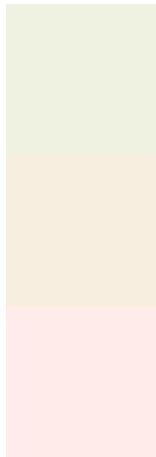


This preview shows how white text looks on a background with the RYB color 225, 241, 227.

# 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**  
225, 241, 227

**Protanopia**  
239, 247, 224

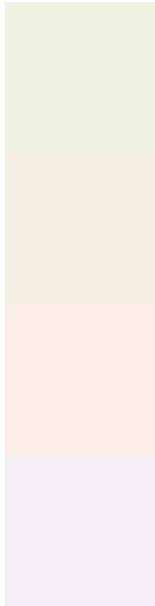
**Deuteranopia**  
255, 235, 233



# Tritanopia

243, 237, 255

# Trichromacy



## Original Color

225, 241, 227

## Protanomaly

231, 244, 224

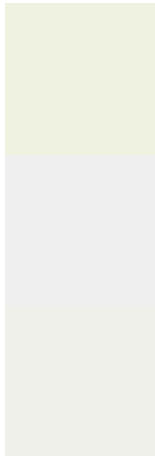
## Deuteranomaly

249, 241, 230

## Tritanomaly

242, 238, 244

# Monochromacy



## Original Color

225, 241, 227

## Achromatopsia

239, 239, 239

## Achromatomaly

234, 240, 235

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 225, 241, 227 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(239, 241, 225) looks like.

```
.text, #text, p{  
    color:rgb(239, 241, 225)  
}
```

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(239, 241, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 241, 225) }
```

## Border

The CSS property to change the border of an element to RYB 225, 241, 227 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(239, 241, 225) }
```

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

```
.border{ border-color:rgb(239, 241, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 241, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 241, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 241, 225);  
box-shadow:4px 4px 4px 4px rgb(239, 241,  
225) }
```

# Background

The CSS property to change the background color of an element to RYB 225, 241, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 241, 225) }
```

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

```
.background{ background-color: rgb(239,  
241, 225) }
```

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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