

Converting Colors

`RYB(215, 241, 226)`

Have a look what the booklet for
RYB(215, 241, 226) contains.

RYB(215, 241, 226)	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, 241, 226)

Conversions

Conversions Part 1

Format	Color
Hex	E6F1D7
RGB	230, 241, 215
RGB Percent	90%, 95%, 84%
CMY	0.0980, 0.0549, 0.1569
CMYK	0.05, 0.00, 0.11, 0.05
HSL	85°, 48%, 89%
HSV	85°, 11%, 95%
XYZ	76.3542, 84.6399, 76.6028
YIQ	234.7470, 1.7900, -10.4180

Conversions

Conversions Part 2

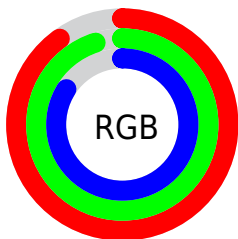
Format	Color
R_{YB}	215, 241, 226
Decimal	15135191
CIE _{Lab}	93.73, -8.16, 11.31
CIE _{LCh}	94, 13.945, 125.825
Yxy	84.6399, 0.3214, 0.3562
Android (android.graphics.Color)	4293325271 (0xFFE6F1D7)
YUV	234.7470, -9.7353, -4.1631
Hunter-Lab	91.9999, -12.8561, 15.0327

Details

The RYB color **215, 241, 226** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **226, 215, 241**, and the grayscale version is **235, 235, 235**.

A 20% lighter version of the original color is **255, 255, 255**, and **160, 185, 171** is the 20% darker color. If you saturate the color by 10%, you get **191, 241, 212**, and if you desaturate by 10%, it is **239, 241, 240**.

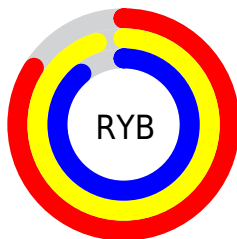
Distribution



Red (90%)

Green (95%)

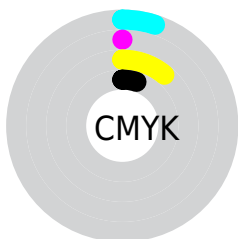
Blue (84%)



Red (84%)

Yellow (95%)

Blue (89%)

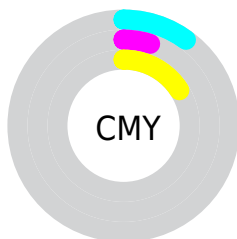


Cyan (5%)

Magenta (0%)

Yellow (11%)

Black (5%)



Cyan (10%)

Magenta (5%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 215, 241, 226 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, 241, 226 by changing the saturation by 10% instead.

■ 215, 241, 226

255, 255, 255

■ 215, 241, 226

■ 187, 213, 198

■ 160, 185, 171

■ 134, 158, 144

■ 109, 132, 119

■ 84, 107, 94

■ 61, 83, 71


■ 39, 59, 48

■ 19, 38, 28

■ 0, 18, 18

 215, 241, 226

 215, 241, 226

 191, 241, 212

 239, 241, 240

 167, 241, 198

 250, 241, 255

 143, 241, 185

 255, 241, 255

 119, 241, 171

 95, 241, 157

 70, 241, 142

 46, 241, 128

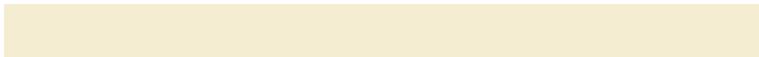
 22, 241, 115

 0, 241, 102

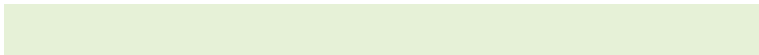
Harmonies

Analogous

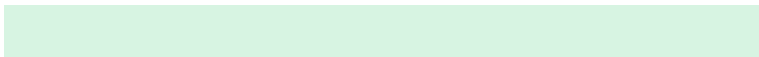
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



220, 245, 210



215, 241, 226



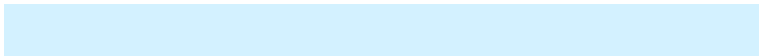
215, 236, 244

Triad

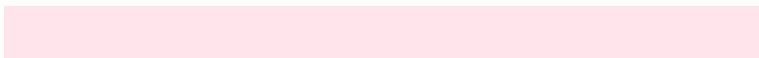
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



215, 241, 226



211, 229, 255



255, 228, 235

Complementary

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



215, 241, 226



226, 215, 241

Split Complementary

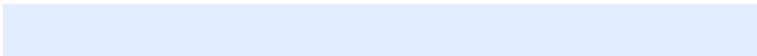
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 229, 248



215, 241, 226



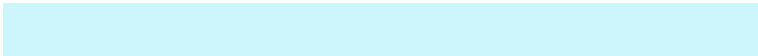
226, 234, 255

Square

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



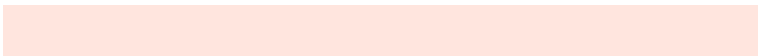
215, 241, 226



204, 226, 252



243, 233, 255



255, 231, 222

Rectangle

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



215, 241, 226



208, 229, 245



243, 233, 255



255, 228, 239

Sweetspot

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



215, 241, 226



247, 255, 250



241, 234, 215



122, 128, 125



0, 0, 0



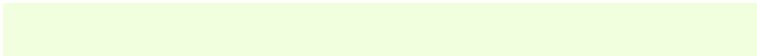
128, 128, 128

Same Dimension

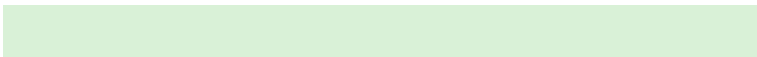
The Same Dimension uses a secret algorithm to generate beautiful new colors.



215, 241, 226



222, 255, 236



215, 241, 239



108, 120, 113



0, 184, 78



0, 56, 24

Inverse Universe

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



226, 215, 241



236, 222, 255



239, 215, 241



113, 108, 120



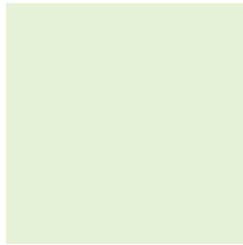
78, 0, 184



24, 0, 56

Previews

White Background



This preview shows how the RYB color 215, 241, 226 looks on a white background.

Color Contrast Check

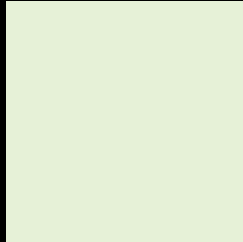
Large Text (above 18pt) WCAG AA × Fail

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, 241, 226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

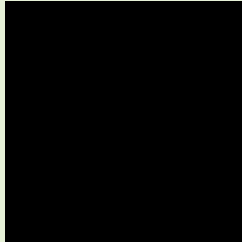
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

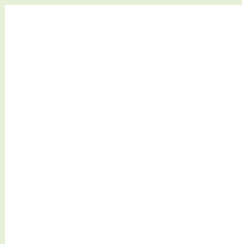
Any Text WCAG AAA ✓ Pass

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

RYB 215, 241, 226 Background



This preview shows how black text looks on a background with the RYB color 215, 241, 226.



This preview shows how white text looks on a background with the RYB color 215, 241, 226.

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

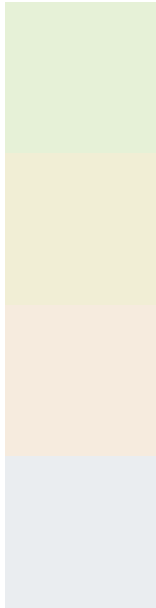
	Original Color 215, 241, 226
	Protanopia 228, 247, 212
	Deuteranopia 255, 234, 226



Tritanopia

236, 235, 254

Trichromacy



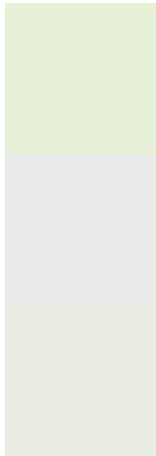
Original Color
215, 241, 226

Protanomaly
216, 241, 213

Deuteranomaly
242, 246, 222

Tritanomaly
234, 236, 240

Monochromacy



Original Color
215, 241, 226

Achromatopsia
235, 235, 235

Achromatomaly
228, 237, 232

CSS Examples

Text

The CSS property to change the color of the text to RYB 215, 241, 226 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(230, 241, 215) looks like.

```
.text, #text, p{  
    color:rgb(230, 241, 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(230, 241, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 241, 215) }
```

Border

The CSS property to change the border of an element to RYB 215, 241, 226 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(230, 241, 215) }
```

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

```
.border{ border-color:rgb(230, 241, 215) }
```

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

Here you see how a box with a 4 pixel rgb(230, 241, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 241, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 241, 215);  
box-shadow:4px 4px 4px 4px rgb(230, 241,  
215) }
```

Background

The CSS property to change the background color of an element to RGB 215, 241, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 241, 215) }
```

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

```
.background{ background-color: rgb(230,  
241, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor