

Converting Colors

`RYB(225, 244, 247)`

Have a look what the booklet for RYB(225, 244, 247) contains.

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Color

R_YB(225, 244, 247)

Conversions

Conversions Part 1

Format	Color
Hex	E1F7E4
RGB	225, 247, 228
RGB Percent	88%, 97%, 89%
CMY	0.1176, 0.0314, 0.1040
CMYK	0.09, 0.00, 0.08, 0.03
HSL	129°, 58%, 93%
HSV	129°, 9%, 97%
XYZ	78.3816, 88.1569, 86.6289
YIQ	238.2560, -7.0130, -10.5730

Conversions

Conversions Part 2

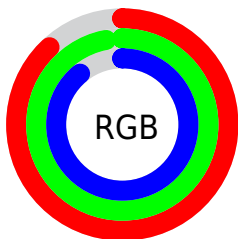
Format	Color
R _Y B	225, 244, 247
Decimal	14809060
CIE Lab	95.23, -10.55, 6.45
CIE LCh	95, 12.361, 148.563
Yxy	88.1569, 0.3096, 0.3482
Android (android.graphics.Color)	4292999140 (0xFFE1F7E4)
YUV	238.2560, -5.0562, -11.6255
Hunter-Lab	93.8919, -15.2978, 11.0207

Details

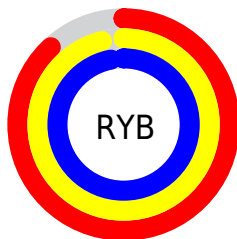
The RYB color **225, 244, 247** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **247, 225, 244**, and the grayscale version is **238, 238, 238**.

A 20% lighter version of the original color is **255, 255, 255**, and **170, 188, 191** is the 20% darker color. If you saturate the color by 10%, you get **200, 240, 247**, and if you desaturate by 10%, it is **250, 247, 249**.

Distribution



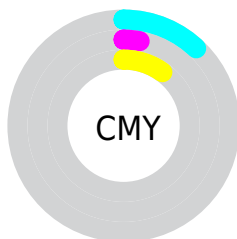
- Red (88%)
- Green (97%)
- Blue (89%)



- Red (88%)
- Yellow (96%)
- Blue (97%)



- Cyan (9%)
- Magenta (0%)
- Yellow (8%)
- Black (3%)



- Cyan (12%)
- Magenta (3%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RYB color 225, 244, 247 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, 244, 247 by changing the saturation by 10% instead.

■ 225, 244, 247

255, 255, 255

■ 225, 244, 247

■ 197, 215, 218

■ 170, 188, 191

■ 143, 161, 164

■ 117, 134, 137

■ 93, 109, 112

■ 69, 84, 87

■ 46, 61, 64

■ 25, 39, 42

■ 0, 19, 22

 225, 244, 247


 225, 244, 247

 200, 240, 247


 250, 247, 249

 176, 237, 247

 255, 247, 255

 151, 234, 247

 126, 231, 247

 101, 227, 247

 77, 224, 247

 52, 220, 247

 27, 217, 247

 3, 214, 247

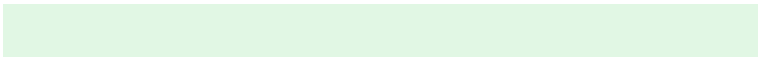
Harmonies

Analogous

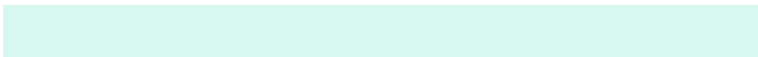
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



220, 244, 225



225, 244, 247



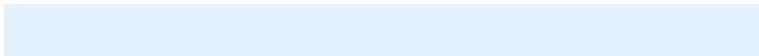
215, 234, 248

Triad

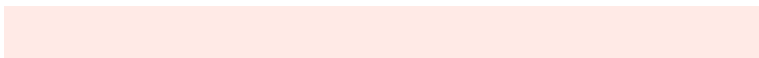
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



225, 244, 247



228, 237, 255



255, 235, 230

Complementary

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



225, 244, 247



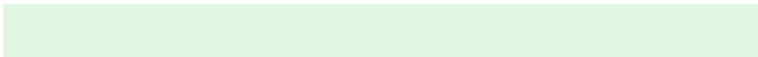
247, 225, 244

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, 242



225, 244, 247



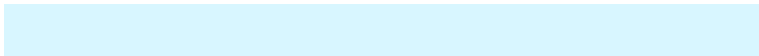
243, 238, 255

Square

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



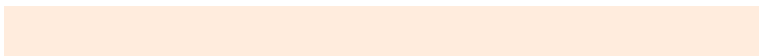
225, 244, 247



216, 233, 255



255, 235, 254



255, 248, 221

Rectangle

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



225, 244, 247



212, 230, 248



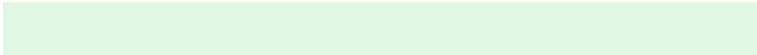
255, 235, 254



255, 233, 234

Sweetspot

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



225, 244, 247



247, 253, 255



225, 247, 228



122, 127, 128



0, 0, 0



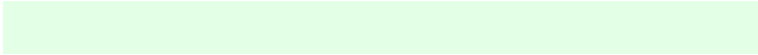
128, 128, 128

Same Dimension

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



225, 244, 247



227, 252, 255



225, 238, 247



110, 120, 122



0, 161, 186



0, 51, 59

Inverse Universe

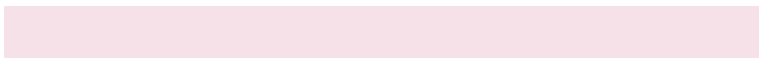
The Inverse Universe completely reimagines the original color for something new.



247, 225, 244



255, 227, 251



247, 225, 233



122, 110, 120



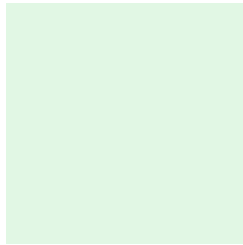
186, 0, 157



59, 0, 49

Previews

White Background



This preview shows how the RYB color 225, 244, 247 looks on a white background.

Color Contrast Check

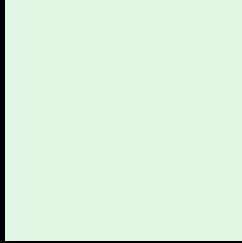
Large Text (above 18pt) WCAG AA × Fail

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, 244, 247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

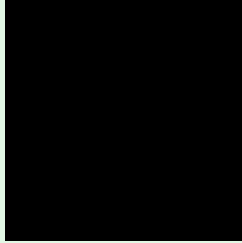
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

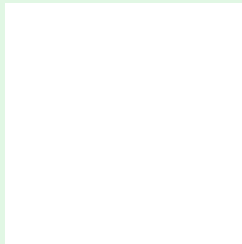
Any Text WCAG AAA ✓ Pass

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

RYB 225, 244, 247 Background



This preview shows how black text looks on a background with the RYB color 225, 244, 247.

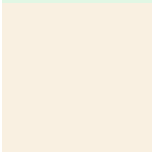


This preview shows how white text looks on a background with the RYB color 225, 244, 247.

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

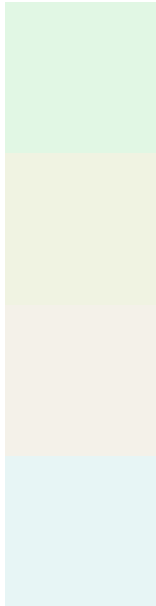
	Original Color 225, 244, 247
	Protanopia 239, 249, 225
	Deuteranopia 255, 237, 236



Tritanopia

234, 240, 255

Trichromacy



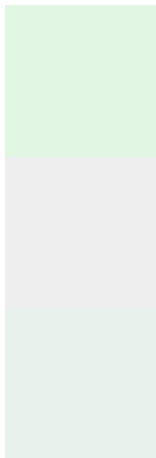
Original Color
225, 244, 247

Protanomaly
226, 243, 229

Deuteranomaly
237, 244, 233

Tritanomaly
231, 238, 245

Monochromacy



Original Color
225, 244, 247

Achromatopsia
238, 238, 238

Achromatomaly
233, 239, 241

CSS Examples

Text

The CSS property to change the color of the text to RYB 225, 244, 247 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(225, 247, 228)` looks like.

```
.text, #text, p{  
    color:rgb(225, 247, 228)  
}
```

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(225, 247, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 247, 228) }
```

Border

The CSS property to change the border of an element to RYB 225, 244, 247 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(225, 247, 228) }
```

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

```
.border{ border-color:rgb(225, 247, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 247, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 247, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 247, 228); box-shadow:4px 4px 4px 4px rgb(225, 247, 228) }
```

Background

The CSS property to change the background color of an element to RGB 225, 244, 247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 247, 228) }
```

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

```
.background{ background-color: rgb(225,  
247, 228) }
```

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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