

Converting Colors

`RYB(225, 236, 246)`

Have a look what the booklet for
RYB(225, 236, 246) contains.

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Color

R_YB(225, 236, 246)

Conversions

Conversions Part 1

Format	Color
Hex	E1F6F4
RGB	225, 246, 244
RGB Percent	88%, 96%, 96%
CMY	0.1176, 0.0353, 0.0428
CMYK	0.09, 0.00, 0.01, 0.04
HSL	175°, 54%, 92%
HSV	175°, 9%, 96%
XYZ	80.3500, 88.4563, 98.4992
YIQ	239.4930, -11.8740, -5.0740

Conversions

Conversions Part 2

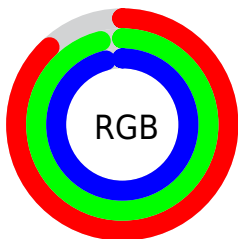
Format	Color
R _Y B	225, 236, 246
Decimal	14808820
CIE Lab	95.35, -7.20, -1.44
CIE LCh	95, 7.339, 191.326
Yxy	88.4563, 0.3006, 0.3309
Android (android.graphics.Color)	4292998900 (0xFFE1F6F4)
YUV	239.4930, 2.2220, -12.7104
Hunter-Lab	94.0512, -12.0930, 3.7418

Details

The RYB color **225, 236, 246** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **246, 225, 227**, and the grayscale version is **239, 239, 239**.

A 20% lighter version of the original color is 255, 255, 255, and **170, 181, 190** is the 20% darker color. If you saturate the color by 10%, you get **200, 224, 246**, and if you desaturate by 10%, it is **250, 246, 246**.

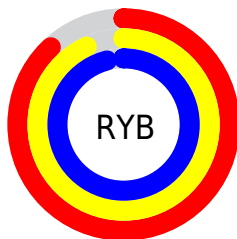
Distribution



Red (88%)

Green (96%)

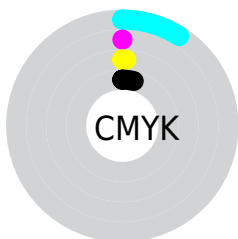
Blue (96%)



Red (88%)

Yellow (93%)

Blue (96%)

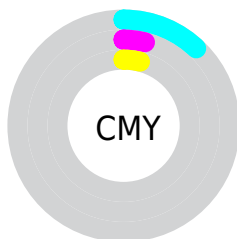


Cyan (9%)

Magenta (0%)

Yellow (1%)

Black (4%)



Cyan (12%)

Magenta (4%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 225, 236, 246 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, 236, 246 by changing the saturation by 10% instead.

■ 225, 236, 246

255, 255, 255

■ 225, 236, 246

■ 197, 208, 218

■ 170, 181, 190

■ 143, 154, 163

■ 117, 127, 136

■ 93, 103, 111

■ 69, 79, 87

■ 46, 55, 63

■ 25, 33, 41

■ 0, 11, 21

 225, 236, 246

 225, 236, 246

 200, 224, 246


 250, 246, 246

 176, 213, 246


 255, 246, 249

 151, 201, 246


 255, 246, 251


 127, 189, 246


 255, 246, 253

 102, 177, 246

 255, 246, 255

 77, 165, 246

 53, 154, 246

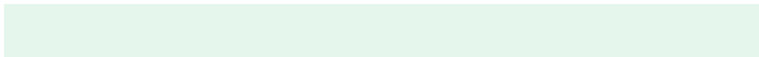
 28, 142, 246

 4, 131, 246

Harmonies

Analogous

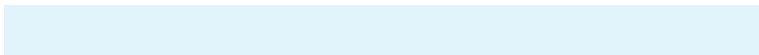
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



229, 241, 246



225, 236, 246



225, 236, 251

Triad

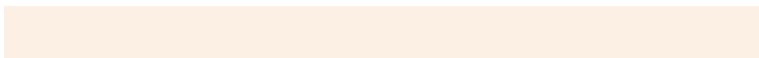
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



225, 236, 246



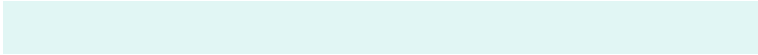
246, 239, 252



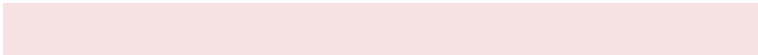
252, 252, 228

Complementary

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



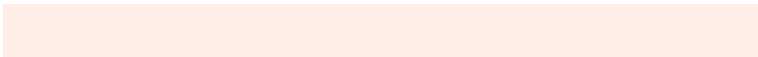
225, 236, 246



246, 225, 227

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, 240, 232



225, 236, 246



254, 237, 246

Square

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



225, 236, 246



238, 241, 255



255, 237, 239



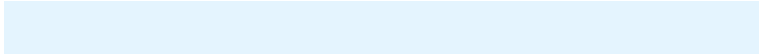
232, 245, 228

Rectangle

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



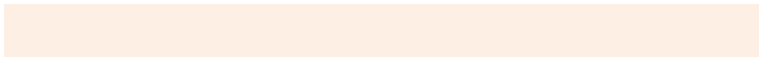
225, 236, 246



228, 238, 254



255, 237, 239



254, 246, 229

Sweetspot

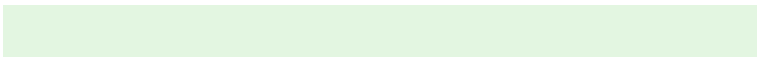
The Sweet Spot groups the original color and five complimentary colors.



225, 236, 246



247, 251, 255



225, 246, 244



122, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

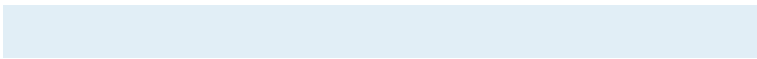
The Same Dimension uses a secret algorithm to generate beautiful new colors.



225, 236, 246



230, 243, 255



225, 233, 246



110, 116, 122



0, 97, 186



0, 31, 59

Inverse Universe

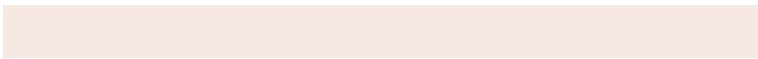
The Inverse Universe completely reimagines the original color for something new.



246, 225, 227



255, 230, 232



246, 238, 225



122, 110, 111



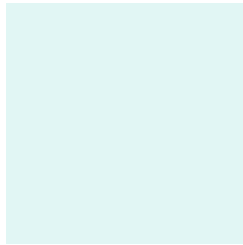
186, 0, 17



59, 0, 5

Previews

White Background



This preview shows how the RYB color 225, 236, 246 looks on a white background.

Color Contrast Check

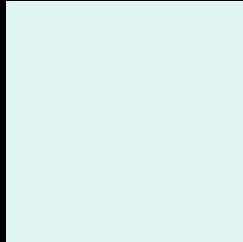
Large Text (above 18pt) WCAG AA × Fail

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, 236, 246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

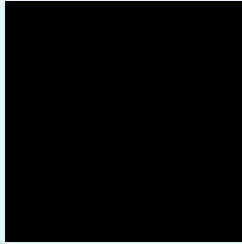
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

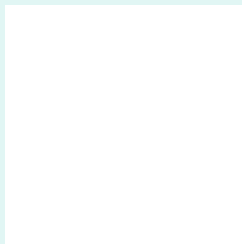
Any Text WCAG AAA ✓ Pass

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

RYB 225, 236, 246 Background



This preview shows how black text looks on a background with the RYB color 225, 236, 246.

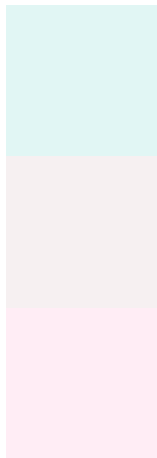


This preview shows how white text looks on a background with the RYB color 225, 236, 246.

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, 236, 246

Protanopia
246, 240, 241

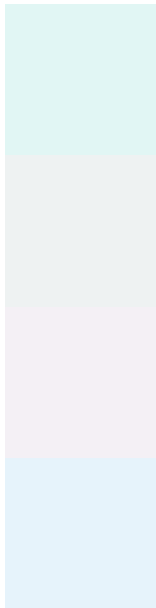
Deuteranopia
255, 237, 245



Tritanopia

233, 240, 255

Trichromacy



Original Color

225, 236, 246

Protanomaly

238, 240, 242

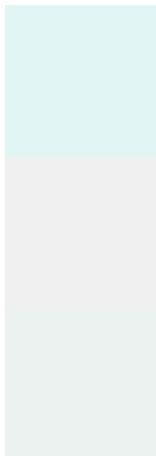
Deuteranomaly

244, 240, 245

Tritanomaly

230, 238, 251

Monochromacy



Original Color

225, 236, 246

Achromatopsia

240, 240, 240

Achromatomaly

235, 239, 242

CSS Examples

Text

The CSS property to change the color of the text to RYB 225, 236, 246 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, 246, 244)` looks like.

```
.text, #text, p{  
    color:rgb(225, 246, 244)  
}
```

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, 246, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 246, 244) }
```

Border

The CSS property to change the border of an element to RYB 225, 236, 246 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, 246, 244) }
```

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

```
.border{ border-color:rgb(225, 246, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 246, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 246, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 246, 244);  
box-shadow:4px 4px 4px 4px rgb(225, 246,  
244) }
```

Background

The CSS property to change the background color of an element to RYB 225, 236, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 246, 244) }
```

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

```
.background{ background-color: rgb(225,  
246, 244) }
```

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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