

Converting Colors

`RYB(223, 238, 246)`

Have a look what the booklet for
RYB(223, 238, 246) contains.

RYB(223, 238, 246)	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(223, 238, 246)

Conversions

Conversions Part 1

Format	Color
Hex	DFF6EB
RGB	223, 246, 235
RGB Percent	87%, 96%, 92%
CMY	0.1255, 0.0353, 0.0774
CMYK	0.09, 0.00, 0.04, 0.04
HSL	152°, 56%, 92%
HSV	152°, 9%, 96%
XYZ	78.4212, 87.6131, 91.5772
YIQ	237.8690, -10.1770, -8.2970

Conversions

Conversions Part 2

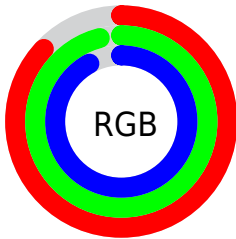
Format	Color
R _Y B	223, 238, 246
Decimal	14677739
CIE Lab	95.00, -9.48, 2.59
CIE LCh	95, 9.827, 164.728
Yxy	87.6131, 0.3044, 0.3401
Android (android.graphics.Color)	4292867819 (0xFFDFF6EB)
YUV	237.8690, -1.4144, -13.0401
Hunter-Lab	93.6019, -14.2531, 7.5138

Details

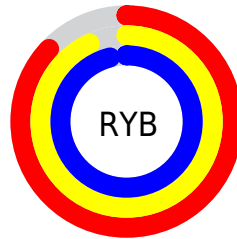
The RYB color **223, 238, 246** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **246, 223, 234**, and the grayscale version is **238, 238, 238**.

A 20% lighter version of the original color is **255, 255, 255**, and **168, 183, 190** is the 20% darker color. If you saturate the color by 10%, you get **198, 229, 246**, and if you desaturate by 10%, it is **248, 246, 247**.

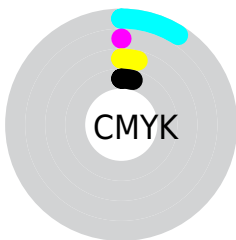
Distribution



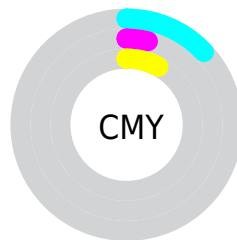
- Red (87%)
- Green (96%)
- Blue (92%)



- Red (87%)
- Yellow (93%)
- Blue (96%)



- Cyan (9%)
- Magenta (0%)
- Yellow (4%)
- Black (4%)



- Cyan (13%)
- Magenta (4%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RYB color 223, 238, 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 223, 238, 246 by changing the saturation by 10% instead.

■ 223, 238, 246

255, 255, 255

■ 223, 238, 246

■ 195, 210, 218

■ 168, 182, 190

■ 141, 155, 163

■ 116, 129, 136

■ 91, 104, 111

■ 67, 80, 87

■ 45, 57, 63

■ 24, 35, 41

■ 0, 14, 21

 223, 238, 246

 223, 238, 246

 198, 229, 246


 248, 246, 247


 174, 221, 246


 255, 246, 255


 149, 212, 246

 125, 204, 246

 100, 195, 246

 75, 187, 246

 51, 178, 246

 26, 170, 246

 2, 161, 246

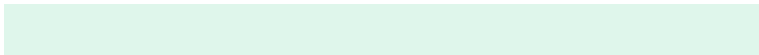
Harmonies

Analogous

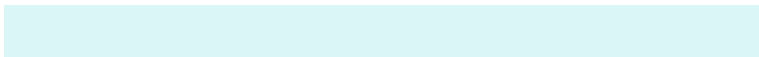
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



227, 244, 238



223, 238, 246



218, 232, 246

Triad

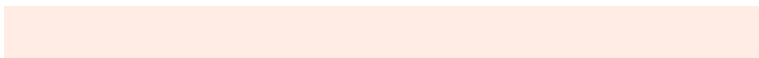
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



223, 238, 246



237, 240, 255



255, 239, 228

Complementary

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



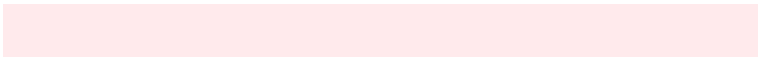
223, 238, 246



246, 223, 234

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, 234, 236



223, 238, 246



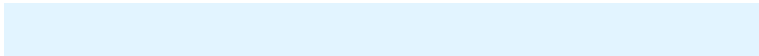
248, 237, 254

Square

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



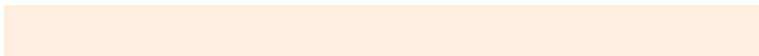
223, 238, 246



226, 237, 255



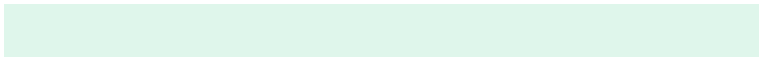
255, 235, 246



254, 252, 223

Rectangle

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



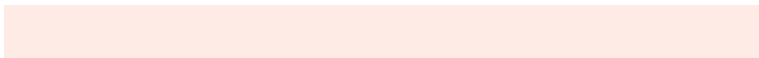
223, 238, 246



218, 233, 251



255, 235, 246



255, 236, 230

Sweetspot

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



223, 238, 246



247, 252, 255



223, 246, 235



122, 126, 128



0, 0, 0



128, 128, 128

Same Dimension

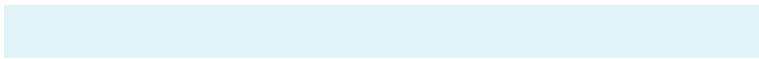
The Same Dimension uses a secret algorithm to generate beautiful new colors.



223, 238, 246



227, 245, 255



223, 234, 246



110, 118, 122



0, 121, 186



0, 39, 59

Inverse Universe

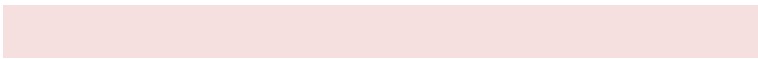
The Inverse Universe completely reimagines the original color for something new.



246, 223, 234



255, 227, 240



246, 224, 223



122, 110, 116



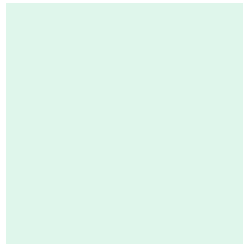
186, 0, 87



59, 0, 27

Previews

White Background



This preview shows how the RYB color 223, 238, 246 looks on a white background.

Color Contrast Check

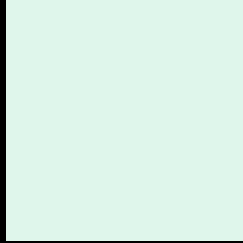
Large Text (above 18pt) WCAG AA × Fail

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 223, 238, 246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

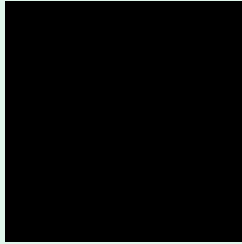
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

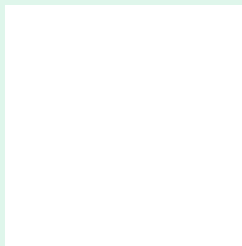
Any Text WCAG AAA ✓ Pass

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

RYB 223, 238, 246 Background



This preview shows how black text looks on a background with the RYB color 223, 238, 246.



This preview shows how white text looks on a background with the RYB color 223, 238, 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

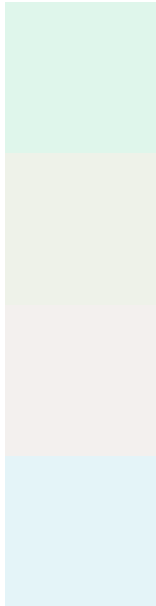




Tritanopia

231, 239, 255

Trichromacy



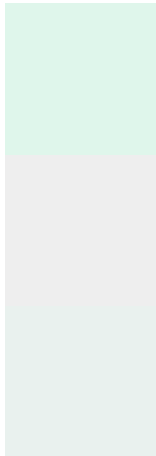
Original Color
223, 238, 246

Protanomaly
233, 242, 237

Deuteranomaly
243, 241, 238

Tritanomaly
228, 237, 248

Monochromacy



Original Color
223, 238, 246

Achromatopsia
238, 238, 238

Achromatomaly
233, 238, 241

CSS Examples

Text

The CSS property to change the color of the text to RYB 223, 238, 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(223, 246, 235)` looks like.

```
.text, #text, p{  
    color:rgb(223, 246, 235)  
}
```

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(223, 246, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 246, 235) }
```

Border

The CSS property to change the border of an element to RYB 223, 238, 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(223, 246, 235) }
```

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

```
.border{ border-color:rgb(223, 246, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 246, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 246, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 246, 235);  
box-shadow:4px 4px 4px 4px rgb(223, 246,  
235) }
```

Background

The CSS property to change the background color of an element to RGB 223, 238, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 246, 235) }
```

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

```
.background{ background-color: rgb(223,  
246, 235) }
```

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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