

Converting Colors

`RYB(238, 250, 255)`

Have a look what the booklet for
RYB(238, 250, 255) contains.

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Color

R_YB(238, 250, 255)

Conversions

Conversions Part 1

Format	Color
Hex	EEFFF5
RGB	238, 255, 245
RGB Percent	93%, 100%, 96%
CMY	0.0667, 0.0000, 0.0389
CMYK	0.07, 0.00, 0.04, 0.00
HSL	145°, 100%, 97%
HSV	145°, 7%, 100%
XYZ	87.5141, 96.2948, 100.4272
YIQ	248.7770, -6.9220, -6.7140

Conversions

Conversions Part 2

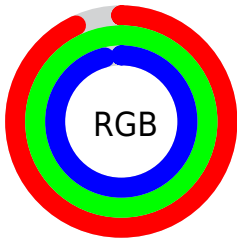
Format	Color
R _Y B	238, 250, 255
Decimal	15663093
CIE Lab	98.55, -7.32, 2.82
CIE LCh	99, 7.844, 158.960
Yxy	96.2948, 0.3079, 0.3388
Android (android.graphics.Color)	4293853173 (0xFFEEFF5)
YUV	248.7770, -1.8621, -9.4514
Hunter-Lab	98.1299, -12.5378, 8.0129

Details

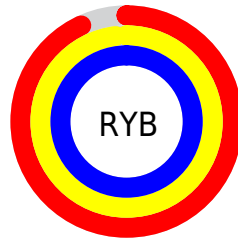
The RYB color **238, 250, 255** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **255, 238, 248**, and the grayscale version is **249, 249, 249**.

A 20% lighter version of the original color is **255, 255, 255**, and **182, 193, 198** is the 20% darker color. If you saturate the color by 10%, you get **213, 243, 255**, and if you desaturate by 10%, it is **255, 255, 255**.

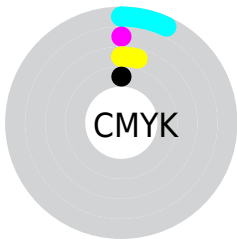
Distribution



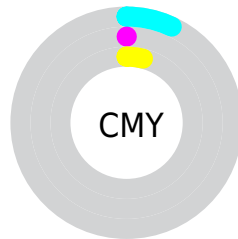
- Red (93%)
- Green (100%)
- Blue (96%)



- Red (93%)
- Yellow (98%)
- Blue (100%)



- Cyan (7%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)



- Cyan (7%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 238, 250, 255 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 238, 250, 255 by changing the saturation by 10% instead.

 238, 250, 255

 238, 250, 255

255, 255, 255

 210, 221, 226

 182, 193, 198

 155, 166, 171

 129, 139, 144

 104, 115, 119

 80, 90, 94

 57, 66, 70

 35, 44, 48

 15, 23, 27

 238, 250, 255

 238, 250, 255

 213, 243, 255

255, 255, 255


 187, 235, 255


 162, 228, 255

 136, 220, 255

 111, 213, 255

 85, 205, 255

 59, 197, 255

 34, 190, 255

 8, 182, 255

Harmonies

Analogous

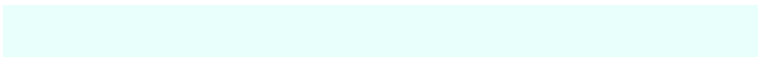
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



239, 253, 246



238, 250, 255



233, 245, 255

Triad

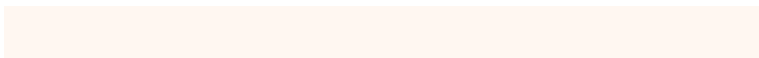
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



238, 250, 255



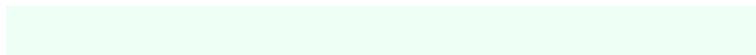
246, 249, 255



255, 252, 241

Complementary

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



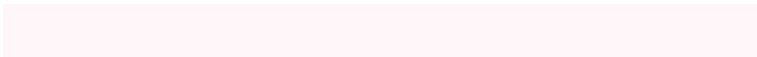
238, 250, 255



255, 238, 248

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, 246, 249



238, 250, 255



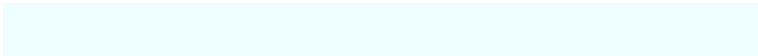
255, 248, 255

Square

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



238, 250, 255



238, 246, 255



255, 246, 255



246, 255, 237

Rectangle

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



238, 250, 255



232, 244, 255



255, 246, 255



255, 246, 244

Sweetspot

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



238, 250, 255



250, 254, 255



238, 255, 245



125, 127, 128



0, 0, 0



128, 128, 128

Same Dimension

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



238, 250, 255



235, 249, 255



238, 247, 255



115, 124, 128



0, 135, 191



0, 45, 64

Inverse Universe

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



255, 238, 248



255, 235, 247



255, 238, 239



128, 115, 122



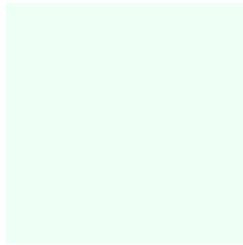
191, 0, 112



64, 0, 37

Previews

White Background



This preview shows how the RYB color 238, 250, 255 looks on a white background.

Color Contrast Check

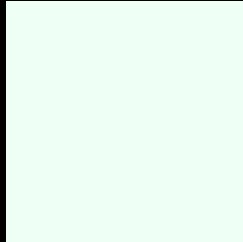
Large Text (above 18pt) WCAG AA × Fail

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 238, 250, 255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

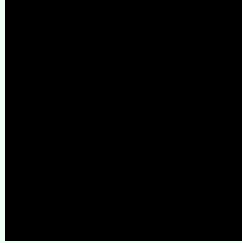
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

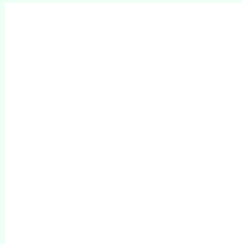
Any Text WCAG AAA ✓ Pass

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

RYB 238, 250, 255 Background



This preview shows how black text looks on a background with the RYB color 238, 250, 255.

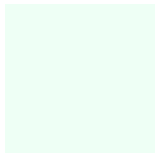


This preview shows how white text looks on a background with the RYB color 238, 250, 255.

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
238, 250, 255



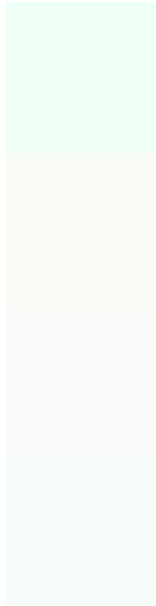
Protanopia
255, 255, 245

Deuteranopia
255, 249, 250

Tritanopia

249, 251, 255

Trichromacy



Original Color

238, 250, 255

Protanomaly

245, 252, 248

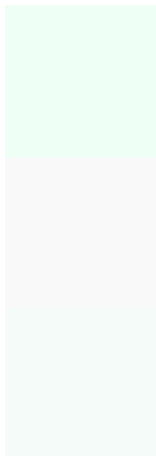
Deuteranomaly

248, 251, 250

Tritanomaly

245, 249, 252

Monochromacy



Original Color

238, 250, 255

Achromatopsia

249, 249, 249

Achromatomaly

245, 249, 251

CSS Examples

Text

The CSS property to change the color of the text to RYB 238, 250, 255 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(238, 255, 245)` looks like.

```
.text, #text, p{  
    color:rgb(238, 255, 245)  
}
```

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(238, 255, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 255, 245) }
```

Border

The CSS property to change the border of an element to RYB 238, 250, 255 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(238, 255, 245) }
```

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

```
.border{ border-color:rgb(238, 255, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 255, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 255, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 255, 245);  
box-shadow:4px 4px 4px 4px rgb(238, 255,  
245) }
```

Background

The CSS property to change the background color of an element to RYB 238, 250, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 255, 245) }
```

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

```
.background{ background-color: rgb(238,  
255, 245) }
```

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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