

Converting Colors

`RYB(247, 250, 253)`

Have a look what the booklet for RYB(247, 250, 253) contains.

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Color

R_YB(247, 250, 253)

Conversions

Conversions Part 1

Format	Color
Hex	F7DFDF
RGB	247, 253, 253
RGB Percent	97%, 99%, 99%
CMY	0.0314, 0.0078, 0.0078
CMYK	0.02, 0.00, 0.00, 0.01
HSL	180°, 60%, 98%
HSV	180°, 2%, 99%
XYZ	91.2127, 97.1166, 106.8665
YIQ	251.2060, -3.5760, -1.2720

Conversions

Conversions Part 2

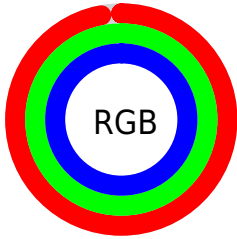
Format	Color
R_{YB}	247, 250, 253
Decimal	16252413
CIE _{Lab}	98.87, -1.96, -0.70
CIE _{LCh}	99, 2.084, 199.588
Yxy	97.1166, 0.3090, 0.3290
Android (android.graphics.Color)	4294442493 (0xFFFF7FDFD)
YUV	251.2060, 0.8844, -3.6887
Hunter-Lab	98.5477, -7.2446, 4.6886

Details

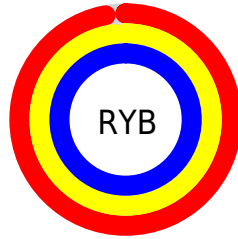
The RYB color 247, 250, 253 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 253, 247, 247, and the grayscale version is 251, 251, 251.

A 20% lighter version of the original color is 255, 255, 255, and 191, 194, 196 is the 20% darker color. If you saturate the color by 10%, you get 222, 238, 253, and if you desaturate by 10%, it is 255, 253, 253.

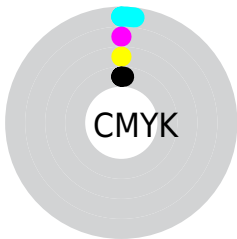
Distribution



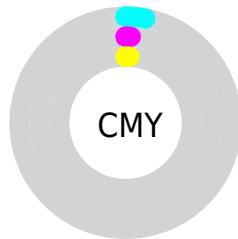
- Red (97%)
- Green (99%)
- Blue (99%)



- Red (97%)
- Yellow (98%)
- Blue (99%)



- Cyan (2%)
- Magenta (0%)
- Yellow (0%)
- Black (1%)



- Cyan (3%)
- Magenta (1%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RYB color 247, 250, 253 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 247, 250, 253 by changing the saturation by 10% instead.

 247, 250, 253

255, 255, 255

 247, 250, 253


 219, 222, 224


 191, 194, 196

 164, 167, 169

 137, 140, 143

 112, 115, 117

 88, 91, 93

 64, 67, 69

 42, 45, 47

 22, 24, 26

247, 250, 253

247, 250, 253

222, 238, 253

255, 253, 253

196, 225, 253

171, 212, 253

146, 200, 253

120, 187, 253

95, 174, 253

70, 162, 253

45, 149, 253

19, 136, 253

Harmonies

Analogous

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



248, 251, 253



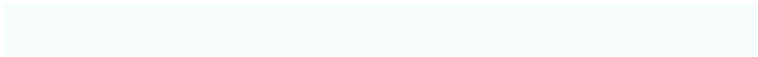
247, 250, 253



247, 250, 255

Triad

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



247, 250, 253



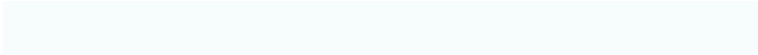
254, 251, 254



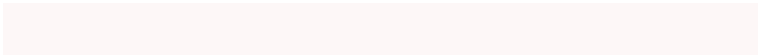
254, 254, 248

Complementary

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



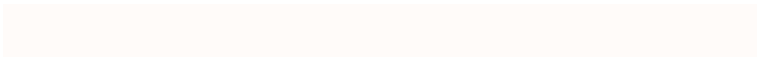
247, 250, 253



253, 247, 247

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, 252, 249



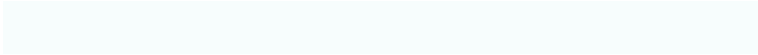
247, 250, 253



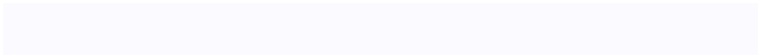
255, 251, 253

Square

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



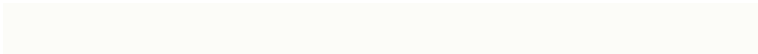
247, 250, 253



251, 251, 255



255, 250, 250



248, 252, 248

Rectangle

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



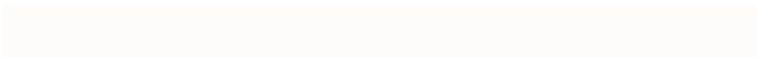
247, 250, 253



248, 251, 255



255, 250, 250



255, 253, 248

Sweetspot

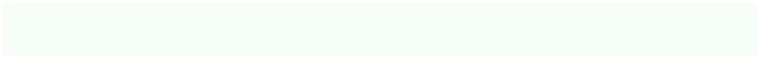
The Sweet Spot groups the original color and five complimentary colors.



247, 250, 253



252, 254, 255



247, 253, 253



126, 127, 128



0, 0, 0



128, 128, 128

Same Dimension

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



247, 250, 253



247, 251, 255



247, 249, 253



122, 125, 128



0, 96, 191



0, 32, 64

Inverse Universe

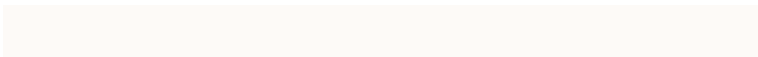
The Inverse Universe completely reimagines the original color for something new.



253, 247, 253



255, 247, 255



253, 253, 247



128, 122, 128



191, 0, 191



64, 0, 64

Previews

White Background



This preview shows how the RYB color 247, 250, 253 looks on a white background.

Color Contrast Check

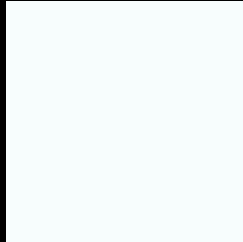
Large Text (above 18pt) WCAG AA × Fail

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 247, 250, 253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

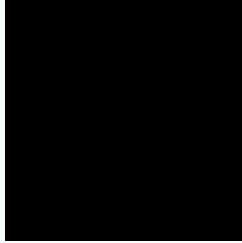
Any Text WCAG AA ✓ Pass

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 247, 250, 253 Background



This preview shows how black text looks on a background with the RYB color 247, 250, 253.




This preview shows how white text looks on a background with the RYB color 247, 250, 253.

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

A vertical rectangular area divided into three colored sections: a light cyan top section, a light pink middle section, and a light red bottom section. Each section contains text describing a type of dichromacy.

Original Color
[247](#), [250](#), [253](#)

Protanopia
[255](#), [251](#), [252](#)

Deuteranopia
[255](#), [251](#), [252](#)

Tritanopia

251, 251, 255

Trichromacy

Original Color

247, 250, 253

Protanomaly

252, 252, 252

Deuteranomaly

252, 252, 252

Tritanomaly

250, 251, 254

Monochromacy

Original Color

247, 250, 253

Achromatopsia

251, 251, 251

Achromatomaly

250, 251, 252

CSS Examples

Text

The CSS property to change the color of the text to RYB 247, 250, 253 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(247, 253, 253) looks like.

```
.text, #text, p{  
    color:rgb(247, 253, 253)  
}
```

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(247, 253, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 253, 253) }
```

Border

The CSS property to change the border of an element to RYB 247, 250, 253 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(247, 253, 253) }
```

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

```
.border{ border-color:rgb(247, 253, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 253, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 253, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 253, 253);  
box-shadow:4px 4px 4px 4px rgb(247, 253,  
253) }
```

Background

The CSS property to change the background color of an element to RYB 247, 250, 253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 253, 253) }
```

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

```
.background{ background-color: rgb(247,  
253, 253) }
```

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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