

Converting Colors

`RYB(229, 252, 253)`

Have a look what the booklet for
RYB(229, 252, 253) contains.

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Color

RYB(229, 252, 253)

Conversions

Conversions Part 1

Format	Color
Hex	E5FDE6
RGB	229, 253, 230
RGB Percent	90%, 99%, 90%
CMY	0.1020, 0.0078, 0.0979
CMYK	0.09, 0.00, 0.09, 0.01
HSL	123°, 86%, 95%
HSV	123°, 9%, 99%
XYZ	81.7274, 92.6242, 88.4657
YIQ	243.2020, -6.9210, -12.2410

Conversions

Conversions Part 2

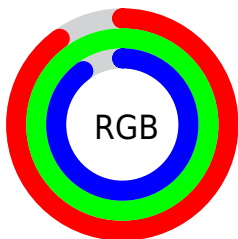
Format	Color
R _Y B	229, 252, 253
Decimal	15072742
CIE Lab	97.07, -11.93, 8.33
CIE LCh	97, 14.554, 145.074
Yxy	92.6242, 0.3110, 0.3524
Android (android.graphics.Color)	4293262822 (0xFFE5FDE6)
YUV	243.2020, -6.5086, -12.4552
Hunter-Lab	96.2415, -16.8419, 12.8693

Details

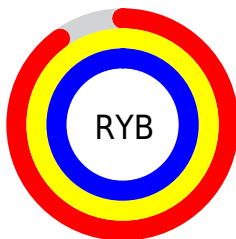
The RYB color **229, 252, 253** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **253, 229, 252**, and the grayscale version is **243, 243, 243**.

A 20% lighter version of the original color is **255, 255, 255**, and **173, 194, 196** is the 20% darker color. If you saturate the color by 10%, you get **204, 251, 253**, and if you desaturate by 10%, it is **254, 253, 254**.

Distribution



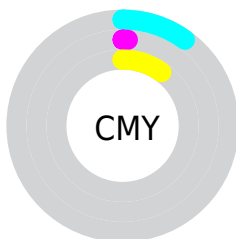
- Red (90%)
- Green (99%)
- Blue (90%)



- Red (90%)
- Yellow (99%)
- Blue (99%)



- Cyan (9%)
- Magenta (0%)
- Yellow (9%)
- Black (1%)



- Cyan (10%)
- Magenta (1%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RYB color 229, 252, 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 229, 252, 253 by changing the saturation by 10% instead.

 229, 252, 253


 229, 252, 253


255, 255, 255

 201, 223, 224

 173, 194, 196

 147, 168, 169

 121, 142, 143

 96, 116, 117

 72, 90, 92

 49, 67, 69

 28, 44, 46

 4, 25, 26

 229, 252, 253

 229, 252, 253

 204, 251, 253

 254, 253, 254

 178, 249, 253

 255, 253, 255

 153, 249, 253

 128, 248, 253

 103, 247, 253

 77, 245, 253

 52, 244, 253

 27, 244, 253

 1, 242, 253

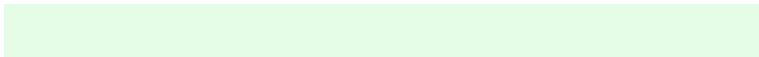
Harmonies

Analogous

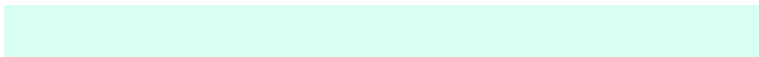
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



221, 249, 225



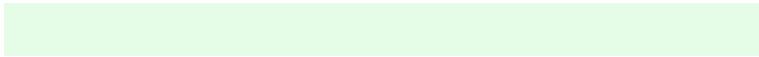
229, 252, 253



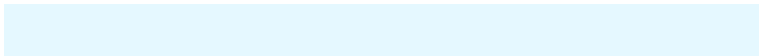
216, 239, 255

Triad

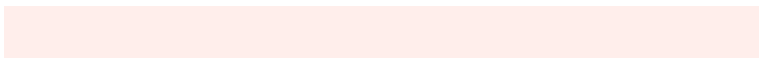
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



229, 252, 253



229, 240, 255



255, 239, 235

Complementary

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



229, 252, 253



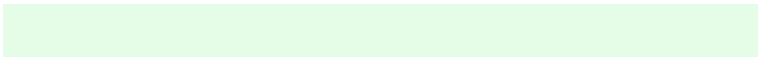
253, 229, 252

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, 237, 249



229, 252, 253



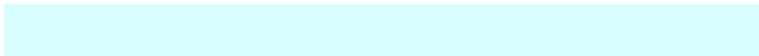
247, 244, 255

Square

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



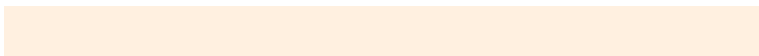
229, 252, 253



216, 235, 255



255, 240, 255



253, 255, 224

Rectangle

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



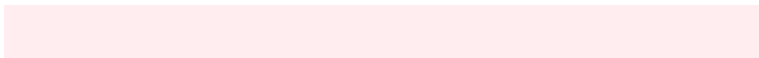
229, 252, 253



212, 234, 255



255, 240, 255



255, 237, 240

Sweetspot

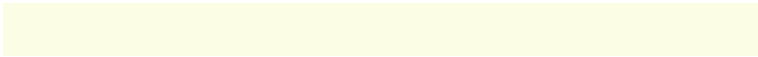
The Sweet Spot groups the original color and five complimentary colors.



229, 252, 253



247, 254, 255



229, 253, 230



122, 127, 128



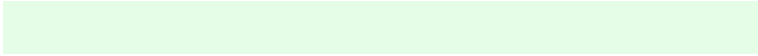
0, 0, 0



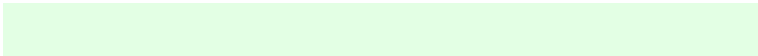
128, 128, 128

Same Dimension

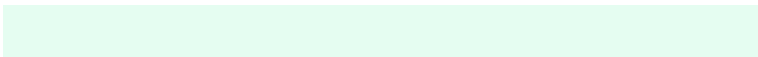
The Same Dimension uses a secret algorithm to generate beautiful new colors.



229, 252, 253



227, 254, 255



229, 245, 253



115, 128, 128



0, 183, 191



0, 61, 64

Inverse Universe

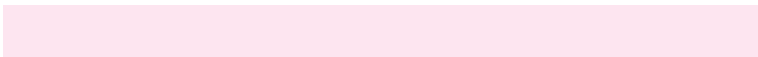
The Inverse Universe completely reimagines the original color for something new.



253, 229, 252



255, 227, 254



253, 229, 240



128, 115, 127



191, 0, 183



64, 0, 61

Previews

White Background



This preview shows how the RYB color 229, 252, 253 looks on a white background.

Color Contrast Check

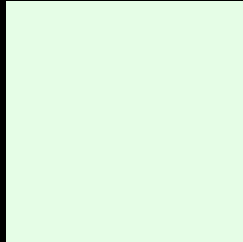
Large Text (above 18pt) WCAG AA × Fail

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 229, 252, 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

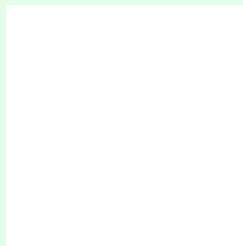
Any Text WCAG AAA ✓ Pass

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

RYB 229, 252, 253 Background



This preview shows how black text looks on a background with the RYB color 229, 252, 253.

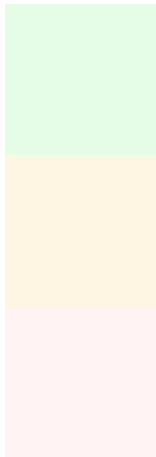


This preview shows how white text looks on a background with the RYB color 229, 252, 253.

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



Original Color
229, 252, 253

Protanopia
243, 255, 227

Deuteranopia
255, 244, 243



Tritanopia

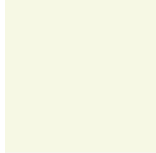
242, 246, 255

Trichromacy



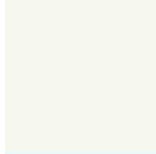
Original Color

229, 252, 253



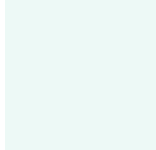
Protanomaly

228, 248, 230



Deuteranomaly

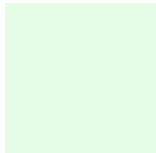
238, 247, 239



Tritanomaly

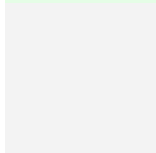
237, 244, 249

Monochromacy



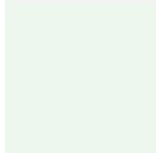
Original Color

229, 252, 253



Achromatopsia

243, 243, 243



Achromatomaly

238, 247, 247

CSS Examples

Text

The CSS property to change the color of the text to RYB 229, 252, 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(229, 253, 230)` looks like.

```
.text, #text, p{  
    color:rgb(229, 253, 230)  
}
```

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(229, 253, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 253, 230) }
```

Border

The CSS property to change the border of an element to RYB 229, 252, 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(229, 253, 230) }
```

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

```
.border{ border-color:rgb(229, 253, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 253, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 253, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 253, 230);  
box-shadow:4px 4px 4px 4px rgb(229, 253,  
230) }
```

Background

The CSS property to change the background color of an element to RYB 229, 252, 253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 253, 230) }
```

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

```
.background{ background-color: rgb(229,  
253, 230) }
```

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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