

Converting Colors

`RYB(219, 249, 249)`

Have a look what the booklet for
RYB(219, 249, 249) contains.

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Color

R_YB(219, 249, 249)

Conversions

Conversions Part 1

Format	Color
Hex	DBF9DB
RGB	219, 249, 219
RGB Percent	86%, 98%, 86%
CMY	0.1412, 0.0235, 0.1412
CMYK	0.12, 0.00, 0.12, 0.02
HSL	120°, 71%, 92%
HSV	120°, 12%, 98%
XYZ	75.8753, 87.9259, 79.9902
YIQ	236.6100, -8.2500, -15.6900

Conversions

Conversions Part 2

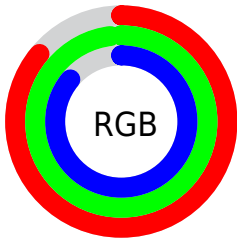
Format	Color
R _Y B	219, 249, 249
Decimal	14416347
CIE _{Lab}	95.13, -15.18, 11.14
CIE _{LCh}	95, 18.828, 143.726
Y _{xy}	87.9259, 0.3112, 0.3607
Android (android.graphics.Color)	4292606427 (0xFFDBF9DB)
YUV	236.6100, -8.6817, -15.4440
Hunter-Lab	93.7688, -19.6579, 15.0604

Details

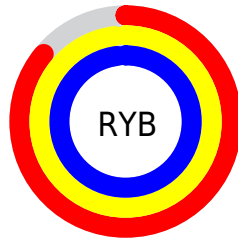
The RYB color **219, 249, 249** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **249, 219, 249**, and the grayscale version is **237, 237, 237**.

A 20% lighter version of the original color is **255, 255, 255**, and **164, 193, 193** is the 20% darker color. If you saturate the color by 10%, you get **194, 249, 249**, and if you desaturate by 10%, it is **244, 249, 249**.

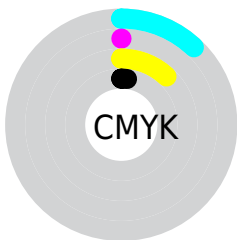
Distribution



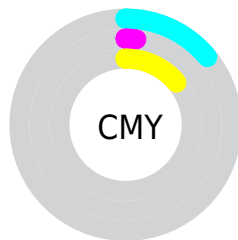
- Red (86%)
- Green (98%)
- Blue (86%)



- Red (86%)
- Yellow (98%)
- Blue (98%)



- Cyan (12%)
- Magenta (0%)
- Yellow (12%)
- Black (2%)



- Cyan (14%)
- Magenta (2%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RYB color 219, 249, 249 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 219, 249, 249 by changing the saturation by 10% instead.

 219, 249, 249


255, 255, 255


 219, 249, 249


 191, 220, 220


 164, 193, 193

 137, 164, 165

 112, 139, 139

 87, 112, 113

 63, 88, 89

 41, 64, 65

 19, 40, 43

 0, 24, 24

 219, 249, 249

 219, 249, 249

 194, 249, 249

 244, 249, 249

 169, 249, 249

 255, 249, 255

 144, 249, 249

 119, 249, 249

 94, 249, 249

 70, 249, 249

 45, 249, 249

 20, 249, 249

 0, 249, 249

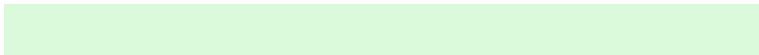
Harmonies

Analogous

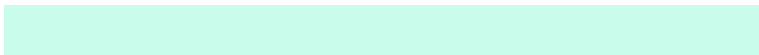
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



208, 244, 212



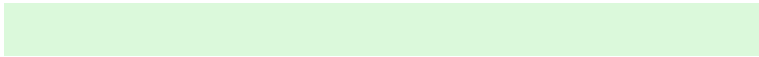
219, 249, 249



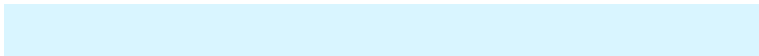
202, 232, 252

Triad

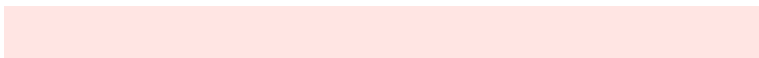
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



219, 249, 249



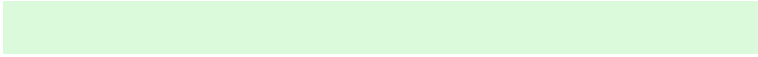
217, 233, 255



255, 229, 227

Complementary

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



219, 249, 249



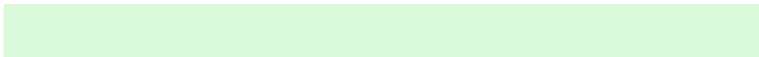
249, 219, 249

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, 229, 246



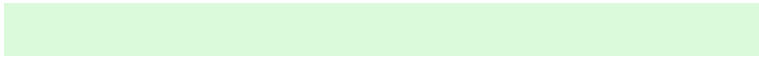
219, 249, 249



240, 238, 255

Square

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



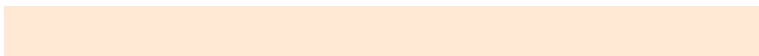
219, 249, 249



199, 225, 255



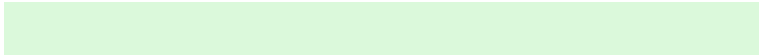
255, 232, 255



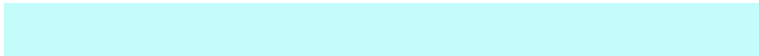
255, 253, 212

Rectangle

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



219, 249, 249



195, 224, 252



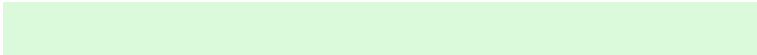
255, 232, 255



255, 229, 233

Sweetspot

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



219, 249, 249



245, 255, 255



219, 249, 219



121, 128, 128



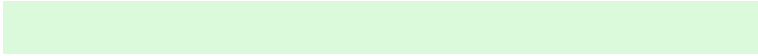
0, 0, 0



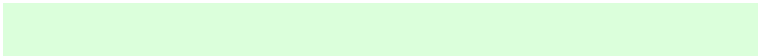
128, 128, 128

Same Dimension

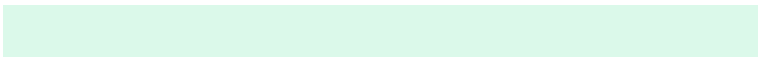
The Same Dimension uses a secret algorithm to generate beautiful new colors.



219, 249, 249



219, 255, 255



219, 239, 249



112, 125, 125



0, 189, 189



0, 61, 61

Inverse Universe

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



249, 219, 249



255, 219, 255



249, 219, 234



125, 112, 125



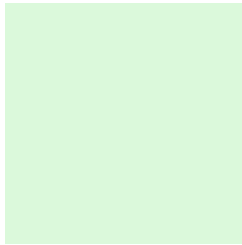
189, 0, 189



61, 0, 61

Previews

White Background



This preview shows how the RYB color 219, 249, 249 looks on a white background.

Color Contrast Check

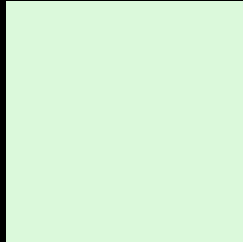
Large Text (above 18pt) WCAG AA × Fail

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 219, 249, 249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

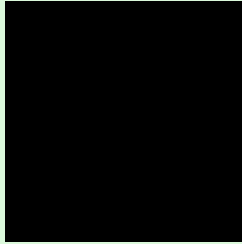
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

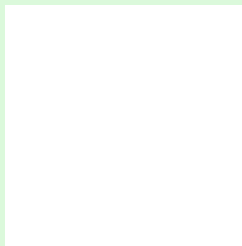
Any Text WCAG AAA ✓ Pass

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

RYB 219, 249, 249 Background



This preview shows how black text looks on a background with the RYB color 219, 249, 249.

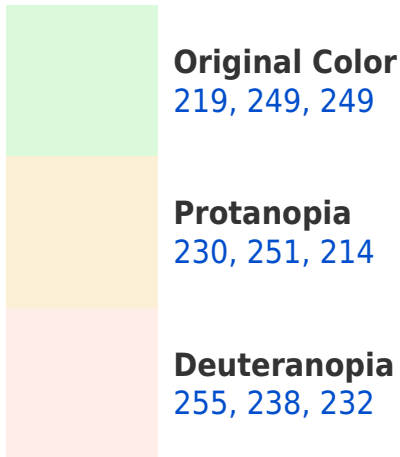


This preview shows how white text looks on a background with the RYB color 219, 249, 249.

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

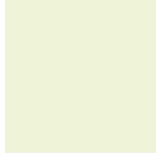
231, 239, 255

Trichromacy



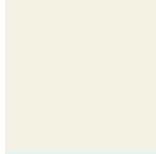
Original Color

219, 249, 249



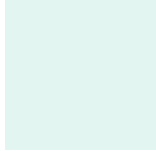
Protanomaly

216, 243, 220



Deuteranomaly

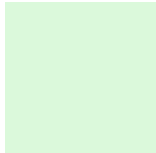
228, 242, 227



Tritanomaly

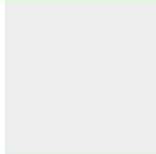
227, 237, 245

Monochromacy



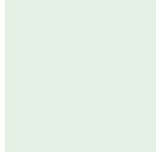
Original Color

219, 249, 249



Achromatopsia

237, 237, 237



Achromatomaly

230, 241, 241

CSS Examples

Text

The CSS property to change the color of the text to RYB 219, 249, 249 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(219, 249, 219)` looks like.

```
.text, #text, p{  
    color:rgb(219, 249, 219)  
}
```

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(219, 249, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 249, 219) }
```

Border

The CSS property to change the border of an element to RYB 219, 249, 249 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(219, 249, 219) }
```

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

```
.border{ border-color:rgb(219, 249, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 249, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 249, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 249, 219);  
box-shadow:4px 4px 4px 4px rgb(219, 249,  
219) }
```

Background

The CSS property to change the background color of an element to RGB 219, 249, 249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 249, 219) }
```

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

```
.background{ background-color: rgb(219,  
249, 219) }
```

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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