

Converting Colors

`RYB(210, 249, 243)`

Have a look what the booklet for RYB(210, 249, 243) contains.

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Color

$\text{RYB}(210, 249, 243)$

Conversions

Conversions Part 1

Format	Color
Hex	D8F9D2
RGB	216, 249, 210
RGB Percent	85%, 98%, 82%
CMY	0.1529, 0.0235, 0.1765
CMYK	0.13, 0.00, 0.16, 0.02
HSL	111°, 76%, 90%
HSV	111°, 16%, 98%
XYZ	73.8274, 87.0034, 73.8750
YIQ	234.6870, -7.1490, -19.1250

Conversions

Conversions Part 2

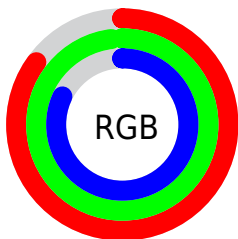
Format	Color
RYB	210, 249, 243
Decimal	14219730
CIELab	94.74, -17.71, 15.19
CIELCh	95, 23.330, 139.381
Yxy	87.0034, 0.3146, 0.3707
Android (android.graphics.Color)	4292409810 (0xFFD8F9D2)
YUV	234.6870, -12.1707, -16.3885
Hunter-Lab	93.2756, -21.9500, 18.3348

Details

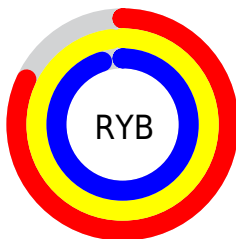
The RYB color **210, 249, 243** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **243, 210, 249**, and the grayscale version is **235, 235, 235**.

A 20% lighter version of the original color is **255, 255, 255**, and **155, 192, 186** is the 20% darker color. If you saturate the color by 10%, you get **185, 249, 239**, and if you desaturate by 10%, it is **235, 249, 247**.

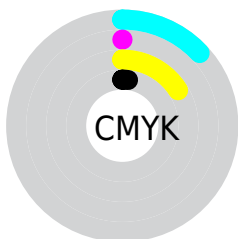
Distribution



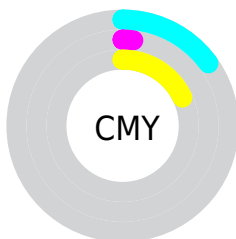
- Red (85%)
- Green (98%)
- Blue (82%)



- Red (82%)
- Yellow (98%)
- Blue (95%)



- Cyan (13%)
- Magenta (0%)
- Yellow (16%)
- Black (2%)



- Cyan (15%)
- Magenta (2%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 210, 249, 243 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 210, 249, 243 by changing the saturation by 10% instead.

210, 249, 243

255, 255, 255

210, 249, 243

182, 220, 214

155, 192, 186

129, 165, 160

104, 139, 134

80, 113, 109

57, 89, 86

35, 65, 62

14, 43, 41

0, 24, 24

 210, 249, 243

 210, 249, 243

 185, 249, 239

 235, 249, 247

 160, 249, 235

 255, 249, 255

 135, 249, 231

 110, 249, 227

 85, 249, 223

 61, 249, 220

 36, 249, 216

 11, 249, 213

 0, 249, 211

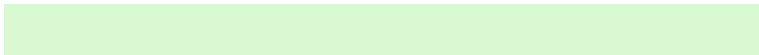
Harmonies

Analogous

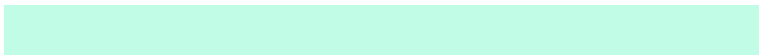
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



197, 243, 198



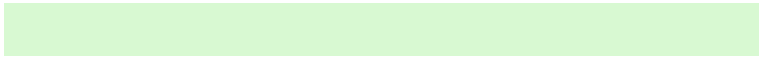
210, 249, 243



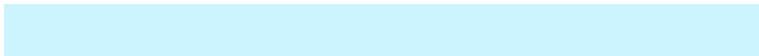
193, 229, 252

Triad

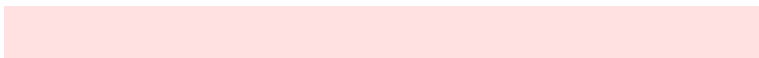
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



210, 249, 243



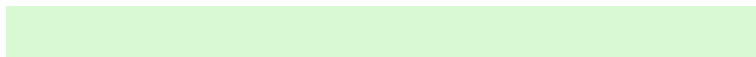
204, 226, 255



255, 225, 226

Complementary

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



210, 249, 243



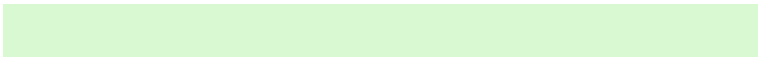
243, 210, 249

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, 225, 249



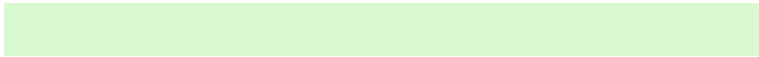
210, 249, 243



234, 237, 255

Square

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



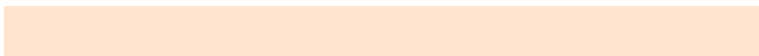
210, 249, 243



184, 218, 255



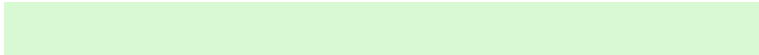
255, 230, 255



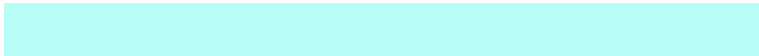
255, 248, 207

Rectangle

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



210, 249, 243



183, 220, 253



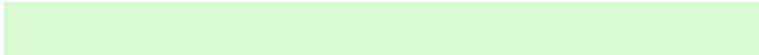
255, 230, 255



255, 224, 233

Sweetspot

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



210, 249, 243



242, 255, 253



217, 249, 210



120, 128, 127



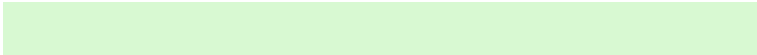
0, 0, 0



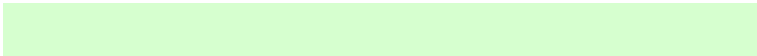
128, 128, 128

Same Dimension

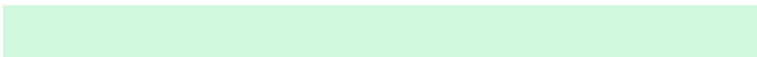
The Same Dimension uses a secret algorithm to generate beautiful new colors.



210, 249, 243



207, 255, 248



210, 239, 249



112, 125, 123



0, 189, 160



0, 61, 52

Inverse Universe

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



243, 210, 249



248, 207, 255



249, 210, 236



123, 112, 125



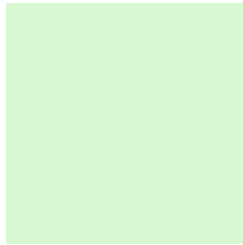
160, 0, 189



52, 0, 61

Previews

White Background



This preview shows how the RYB color 210, 249, 243 looks on a white background.

Color Contrast Check

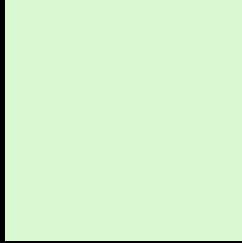
Large Text (above 18pt) WCAG AA × Fail

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 210, 249, 243 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

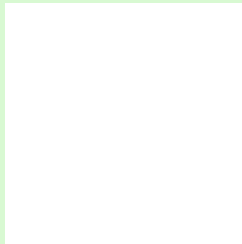
Any Text WCAG AAA ✓ Pass

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

RYB 210, 249, 243 Background



This preview shows how black text looks on a background with the RYB color 210, 249, 243.

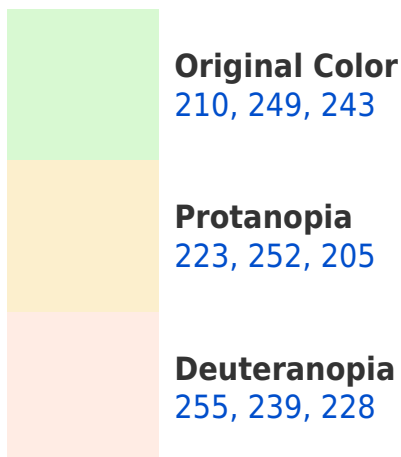


This preview shows how white text looks on a background with the RYB color 210, 249, 243.

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





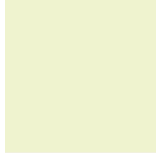
Tritanopia
229, 237, 255

Trichromacy



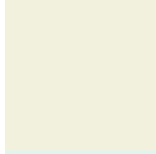
Original Color

210, 249, 243



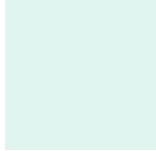
Protanomaly

207, 243, 211



Deuteranomaly

221, 241, 221



Tritanomaly

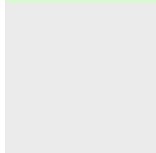
224, 235, 244

Monochromacy



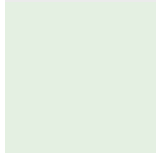
Original Color

210, 249, 243



Achromatopsia

235, 235, 235



Achromatomaly

226, 240, 238

CSS Examples

Text

The CSS property to change the color of the text to RYB 210, 249, 243 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(216, 249, 210)` looks like.

```
.text, #text, p{  
    color:rgb(216, 249, 210)  
}
```

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(216, 249, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 249, 210) }
```

Border

The CSS property to change the border of an element to RYB 210, 249, 243 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(216, 249, 210) }
```

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

```
.border{ border-color:rgb(216, 249, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 249, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 249, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 249, 210);  
box-shadow:4px 4px 4px 4px rgb(216, 249,  
210) }
```

Background

The CSS property to change the background color of an element to RYB 210, 249, 243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 249, 210) }
```

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

```
.background{ background-color: rgb(216,  
249, 210) }
```

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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