

Converting Colors

`RYB(210, 252, 247)`

Have a look what the booklet for
RYB(210, 252, 247) contains.

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Color

R_YB(210, 252, 247)

Conversions

Conversions Part 1

Format	Color
Hex	D7FCD2
RGB	215, 252, 210
RGB Percent	84%, 99%, 82%
CMY	0.1569, 0.0118, 0.1765
CMYK	0.15, 0.00, 0.17, 0.01
HSL	113°, 88%, 91%
HSV	113°, 17%, 99%
XYZ	74.4676, 88.7210, 74.1728
YIQ	236.1490, -8.5700, -20.9060

Conversions

Conversions Part 2

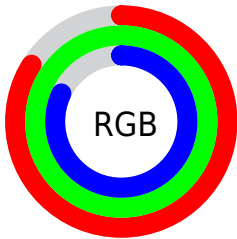
Format	Color
RYB	210, 252, 247
Decimal	14154962
CIELab	95.46, -19.51, 16.20
CIELCh	95, 25.356, 140.287
Yxy	88.7210, 0.3137, 0.3738
Android (android.graphics.Color)	4292345042 (0xFFD7FCD2)
YUV	236.1490, -12.8915, -18.5477
Hunter-Lab	94.1918, -23.7145, 19.2455

Details

The RYB color **210, 252, 247** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **247, 210, 252**, and the grayscale version is **236, 236, 236**.

A 20% lighter version of the original color is **255, 255, 255**, and **155, 195, 190** is the 20% darker color. If you saturate the color by 10%, you get **185, 252, 244**, and if you desaturate by 10%, it is **235, 252, 250**.

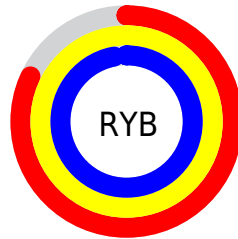
Distribution



Red (84%)

Green (99%)

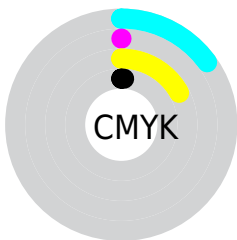
Blue (82%)



Red (82%)

Yellow (99%)

Blue (97%)

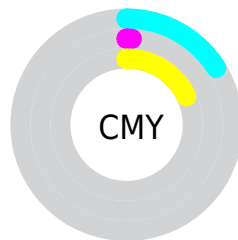


Cyan (15%)

Magenta (0%)

Yellow (17%)

Black (1%)



Cyan (16%)

Magenta (1%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 210, 252, 247 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, 252, 247 by changing the saturation by 10% instead.

 210, 252, 247

255, 255, 255


 210, 252, 247

 182, 223, 218

 155, 195, 190

 129, 168, 164

 104, 142, 138

 80, 116, 113

 57, 91, 89

 35, 67, 66

 14, 45, 45

 0, 26, 26

 210, 252, 247

 210, 252, 247

 185, 252, 244

 235, 252, 250

 160, 252, 241

 255, 252, 255

 134, 252, 238

 109, 252, 235

 84, 252, 232

 59, 252, 229

 34, 252, 226

 8, 252, 223

 0, 252, 222

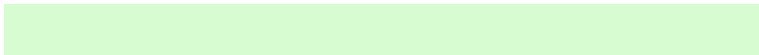
Harmonies

Analogous

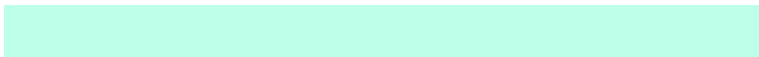
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



196, 246, 199



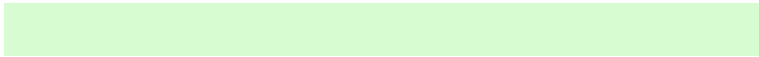
210, 252, 247



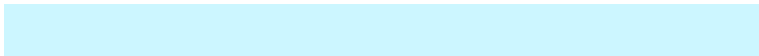
190, 229, 255

Triad

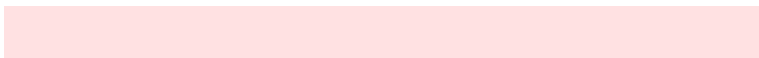
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



210, 252, 247



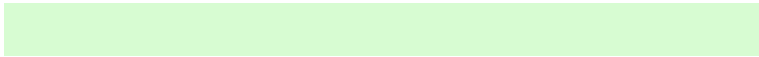
204, 227, 255



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, 252, 247



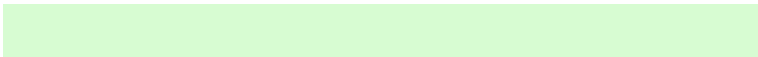
247, 210, 252

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, 225, 251



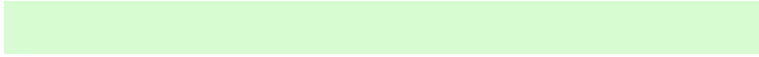
210, 252, 247



236, 238, 255

Square

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



210, 252, 247



180, 217, 255



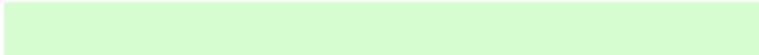
255, 230, 255



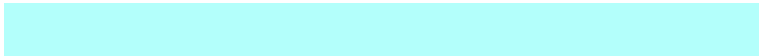
255, 255, 205

Rectangle

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



210, 252, 247



179, 218, 255



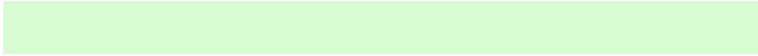
255, 230, 255



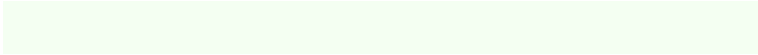
255, 225, 234

Sweetspot

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



210, 252, 247



242, 255, 253



217, 252, 210



120, 128, 127



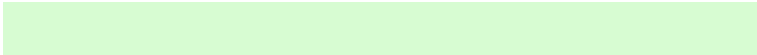
0, 0, 0



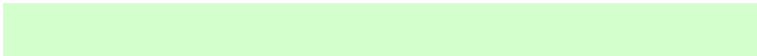
128, 128, 128

Same Dimension

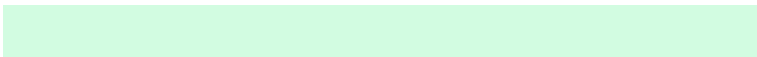
The Same Dimension uses a secret algorithm to generate beautiful new colors.



210, 252, 247



204, 255, 249



210, 241, 252



112, 125, 123



0, 189, 167



0, 61, 54

Inverse Universe

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



247, 210, 252



249, 204, 255



252, 210, 237



123, 112, 125



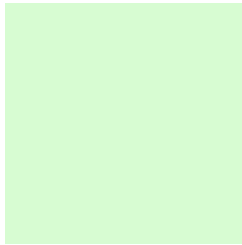
166, 0, 189



54, 0, 61

Previews

White Background



This preview shows how the RYB color 210, 252, 247 looks on a white background.

Color Contrast Check

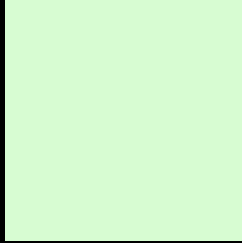
Large Text (above 18pt) WCAG AA × Fail

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, 252, 247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

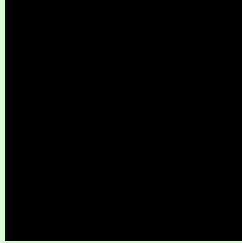
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

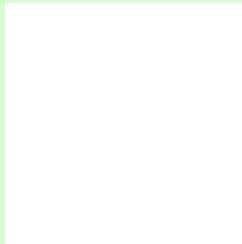
Any Text WCAG AAA ✓ Pass

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

RYB 210, 252, 247 Background



This preview shows how black text looks on a background with the RYB color 210, 252, 247.

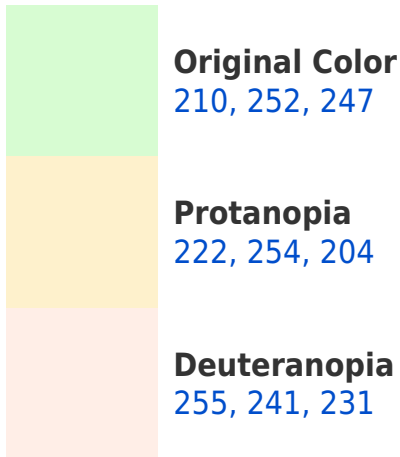


This preview shows how white text looks on a background with the RYB color 210, 252, 247.

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





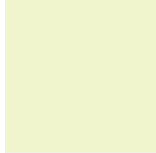
Tritanopia
231, 239, 255

Trichromacy



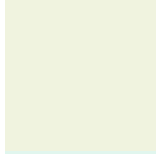
Original Color

210, 252, 247



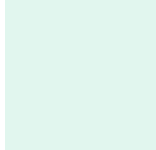
Protanomaly

206, 245, 211



Deuteranomaly

223, 243, 226



Tritanomaly

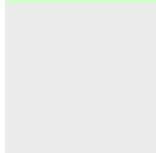
225, 238, 246

Monochromacy



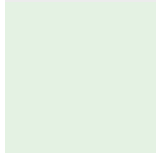
Original Color

210, 252, 247



Achromatopsia

236, 236, 236



Achromatomaly

227, 242, 241

CSS Examples

Text

The CSS property to change the color of the text to RYB 210, 252, 247 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(215, 252, 210)` looks like.

```
.text, #text, p{  
    color:rgb(215, 252, 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(215, 252, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 252, 210) }
```

Border

The CSS property to change the border of an element to RYB 210, 252, 247 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(215, 252, 210) }
```

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

```
.border{ border-color:rgb(215, 252, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 252, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 252, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 252, 210);  
box-shadow:4px 4px 4px 4px rgb(215, 252,  
210) }
```

Background

The CSS property to change the background color of an element to RGB 210, 252, 247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 252, 210) }
```

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

```
.background{ background-color: rgb(215,  
252, 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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