

Converting Colors

`RYB(210, 250, 242)`

Have a look what the booklet for
RYB(210, 250, 242) contains.

RYB(210, 250, 242)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(210, 250, 242)

Conversions

Conversions Part 1

Format	Color
Hex	DAFAD2
RGB	218, 250, 210
RGB Percent	85%, 98%, 82%
CMY	0.1451, 0.0196, 0.1765
CMYK	0.13, 0.00, 0.16, 0.02
HSL	108°, 80%, 90%
HSV	108°, 16%, 98%
XYZ	74.7319, 87.9298, 74.0061
YIQ	235.8720, -6.2320, -19.2240

Conversions

Conversions Part 2

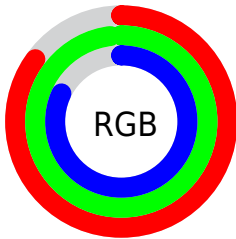
Format	Color
RYB	210, 250, 242
Decimal	14351058
CIELab	95.13, -17.53, 15.76
CIELCh	95, 23.571, 138.040
Yxy	87.9298, 0.3158, 0.3715
Android (android.graphics.Color)	4292541138 (0xFFDAFAD2)
YUV	235.8720, -12.7549, -15.6737
Hunter-Lab	93.7709, -21.8412, 18.8466

Details

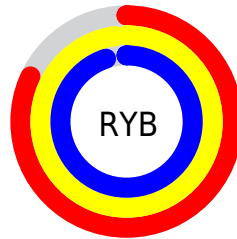
The RYB color **210, 250, 242** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **242, 210, 250**, and the grayscale version is **236, 236, 236**.

A 20% lighter version of the original color is **255, 255, 255**, and **155, 193, 185** is the 20% darker color. If you saturate the color by 10%, you get **185, 250, 237**, and if you desaturate by 10%, it is **235, 250, 247**.

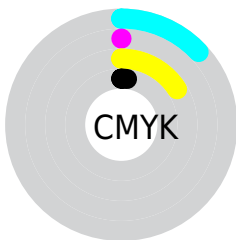
Distribution



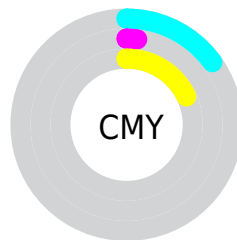
- Red (85%)
- Green (98%)
- Blue (82%)



- 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, 250, 242 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, 250, 242 by changing the saturation by 10% instead.

 210, 250, 242

255, 255, 255


 210, 250, 242

 182, 221, 213

 155, 193, 185

 129, 166, 159

 104, 140, 133

 80, 114, 108

 57, 90, 85

 35, 66, 62

 14, 44, 41

 0, 25, 25

 210, 250, 242

 210, 250, 242

 185, 250, 237

 235, 250, 247

 160, 250, 232

 255, 250, 255

 135, 250, 227

 110, 250, 222

 85, 250, 217

 60, 250, 212

 35, 250, 207

 10, 250, 202

 0, 250, 200

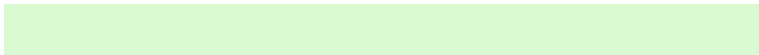
Harmonies

Analogous

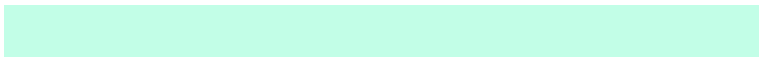
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



198, 244, 198



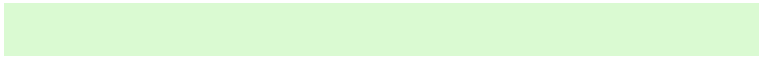
210, 250, 242



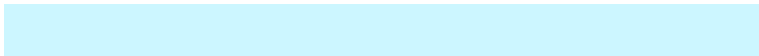
194, 231, 254

Triad

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



210, 250, 242



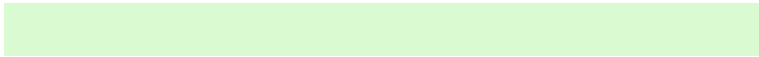
204, 227, 255



255, 225, 228

Complementary

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



210, 250, 242



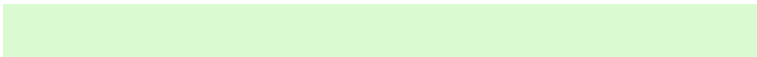
242, 210, 250

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, 226, 251



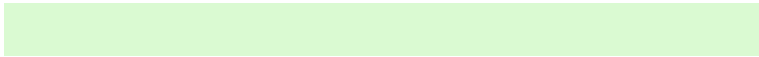
210, 250, 242



233, 237, 255

Square

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



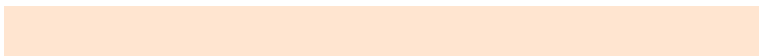
210, 250, 242



184, 218, 255



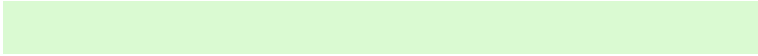
255, 231, 255



255, 246, 208

Rectangle

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



210, 250, 242



184, 221, 254



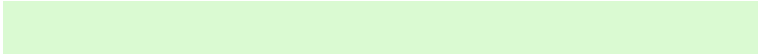
255, 231, 255



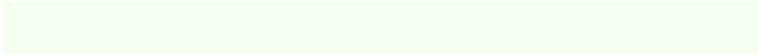
255, 225, 236

Sweetspot

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



210, 250, 242



242, 255, 252



220, 250, 210



120, 128, 127



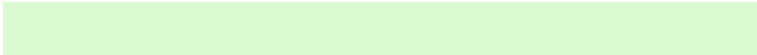
0, 0, 0



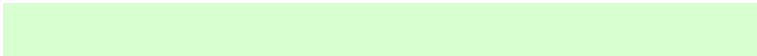
128, 128, 128

Same Dimension

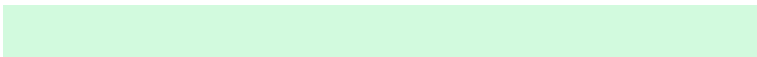
The Same Dimension uses a secret algorithm to generate beautiful new colors.



210, 250, 242



207, 255, 246



210, 241, 250



112, 125, 122



0, 189, 151



0, 61, 49

Inverse Universe

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



242, 210, 250



245, 207, 255



250, 210, 238



122, 112, 125



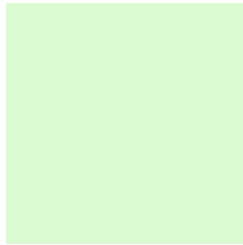
151, 0, 189



49, 0, 61

Previews

White Background



This preview shows how the RYB color 210, 250, 242 looks on a white background.

Color Contrast Check

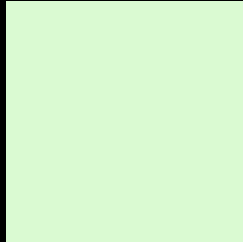
Large Text (above 18pt) WCAG AA × Fail

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, 250, 242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

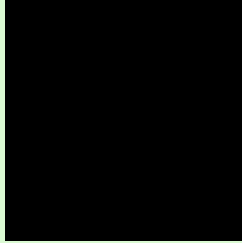
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

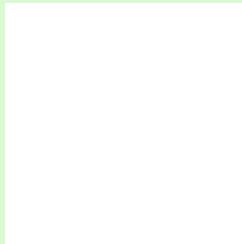
Any Text WCAG AAA ✓ Pass

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

RYB 210, 250, 242 Background



This preview shows how black text looks on a background with the RYB color 210, 250, 242.

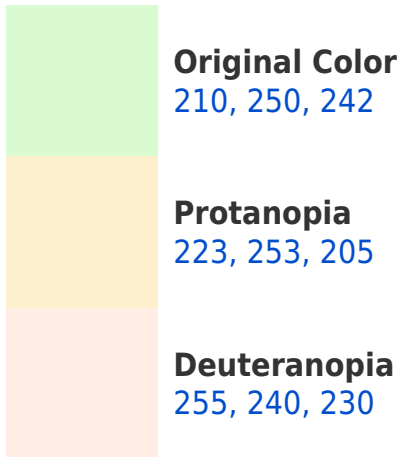


This preview shows how white text looks on a background with the RYB color 210, 250, 242.

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

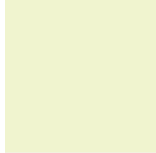
231, 239, 255

Trichromacy



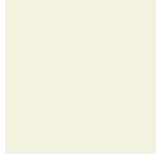
Original Color

210, 250, 242



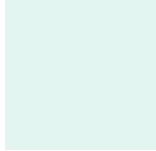
Protanomaly

207, 244, 211



Deuteranomaly

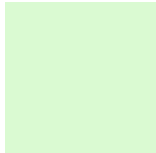
223, 242, 223



Tritanomaly

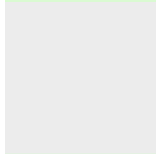
226, 237, 245

Monochromacy



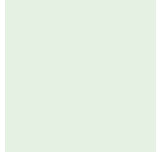
Original Color

210, 250, 242



Achromatopsia

236, 236, 236



Achromatomaly

227, 241, 239

CSS Examples

Text

The CSS property to change the color of the text to RYB 210, 250, 242 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(218, 250, 210)` looks like.

```
.text, #text, p{  
    color:rgb(218, 250, 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(218, 250, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 250, 210) }
```

Border

The CSS property to change the border of an element to RYB 210, 250, 242 is called "border". The border property can be set on classes, ids or directly on the HTML element.

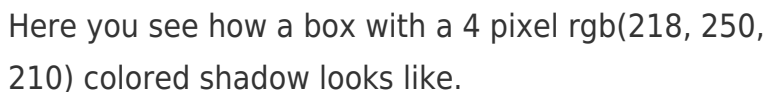
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(218, 250, 210) }
```

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

```
.border{ border-color:rgb(218, 250, 210) }
```

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



Here you see how a box with a 4 pixel `rgb(218, 250, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 250, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 250, 210);  
box-shadow:4px 4px 4px 4px rgb(218, 250,  
210) }
```

Background

The CSS property to change the background color of an element to RGB 218, 250, 210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 250, 210) }
```

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

```
.background{ background-color: rgb(218,  
250, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor