

Converting Colors

`RYB(211, 242, 230)`

Have a look what the booklet for
RYB(211, 242, 230) contains.

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Color

R_YB(211, 242, 230)

Conversions

Conversions Part 1

Format	Color
Hex	DFF2D3
RGB	223, 242, 211
RGB Percent	87%, 95%, 83%
CMY	0.1255, 0.0510, 0.1725
CMYK	0.08, 0.00, 0.13, 0.05
HSL	97°, 54%, 89%
HSV	97°, 13%, 95%
XYZ	73.9414, 83.8954, 73.9243
YIQ	232.7850, -1.3730, -13.6690

Conversions

Conversions Part 2

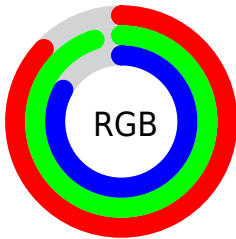
Format	Color
RYB	211, 242, 230
Decimal	14676691
CIELab	93.41, -11.72, 12.85
CIELCh	93, 17.390, 132.370
Yxy	83.8954, 0.3190, 0.3620
Android (android.graphics.Color)	4292866771 (0xFFDFF2D3)
YUV	232.7850, -10.7400, -8.5814
Hunter-Lab	91.5944, -16.1926, 16.2641

Details

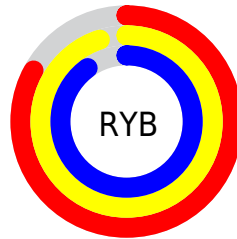
The RYB color **211, 242, 230** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **230, 211, 242**, and the grayscale version is **233, 233, 233**.

A 20% lighter version of the original color is **255, 255, 255**, and **156, 186, 174** is the 20% darker color. If you saturate the color by 10%, you get **187, 242, 221**, and if you desaturate by 10%, it is **235, 242, 239**.

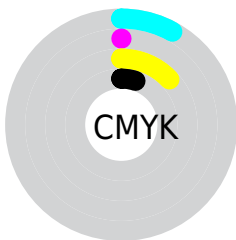
Distribution



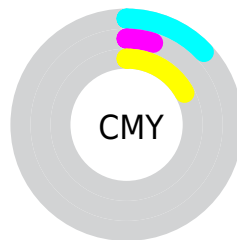
- Red (87%)
- Green (95%)
- Blue (83%)



- Red (83%)
- Yellow (95%)
- Blue (90%)



- Cyan (8%)
- Magenta (0%)
- Yellow (13%)
- Black (5%)



- Cyan (13%)
- Magenta (5%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RYB color 211, 242, 230 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 211, 242, 230 by changing the saturation by 10% instead.

■ 211, 242, 230

255, 255, 255

■ 211, 242, 230

■ 183, 214, 202

■ 156, 186, 174

■ 130, 159, 148

■ 105, 133, 122

■ 81, 108, 98

■ 58, 83, 74

■ 36, 60, 51

■ 15, 38, 29

■ 0, 19, 19

 211, 242, 230

 211, 242, 230

 187, 242, 221

 235, 242, 239

 163, 242, 212

 253, 242, 255

 138, 242, 201

 255, 242, 255

 114, 242, 192

 90, 242, 183

 66, 242, 174

 42, 242, 165

 17, 242, 155

 0, 242, 148

Harmonies

Analogous

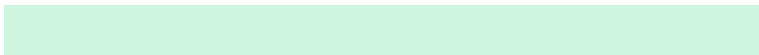
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



209, 242, 203



211, 242, 230



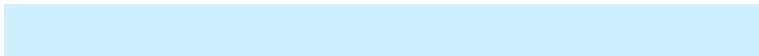
205, 232, 245

Triad

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



211, 242, 230



207, 227, 255



255, 225, 230

Complementary

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



211, 242, 230



230, 211, 242

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, 247



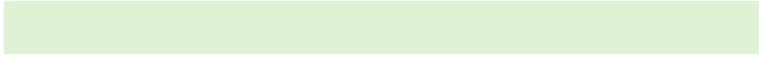
211, 242, 230



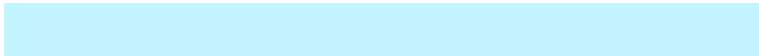
227, 233, 255

Square

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



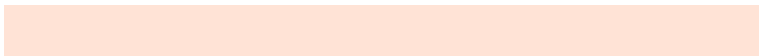
211, 242, 230



195, 222, 255



248, 230, 255



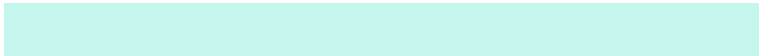
255, 233, 214

Rectangle

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



211, 242, 230



197, 224, 246



248, 230, 255



255, 225, 235

Sweetspot

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



211, 242, 230



245, 255, 251



231, 242, 211



121, 128, 125



0, 0, 0



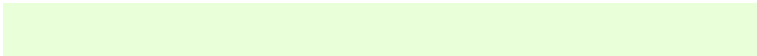
128, 128, 128

Same Dimension

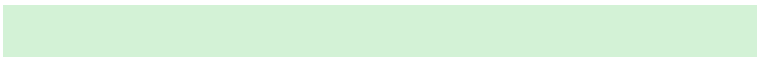
The Same Dimension uses a secret algorithm to generate beautiful new colors.



211, 242, 230



217, 255, 240



211, 239, 242



108, 120, 115



0, 184, 113



0, 56, 34

Inverse Universe

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



230, 211, 242



240, 217, 255



242, 211, 239



115, 108, 120



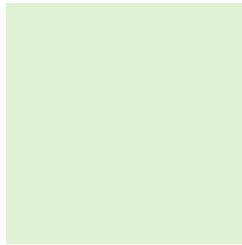
113, 0, 184



34, 0, 56

Previews

White Background



This preview shows how the RYB color 211, 242, 230 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 211, 242, 230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

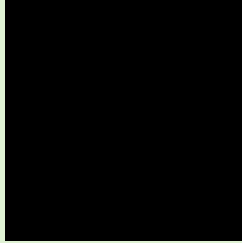
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

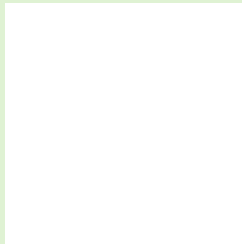
Any Text WCAG AAA ✓ Pass

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

R Y B 211, 242, 230 Background



This preview shows how black text looks on a background with the RYB color 211, 242, 230.



This preview shows how white text looks on a background with the RYB color 211, 242, 230.

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

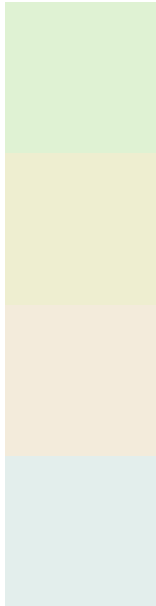




Tritanopia

230, 235, 254

Trichromacy



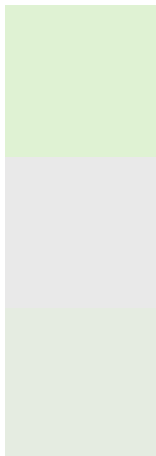
Original Color
211, 242, 230

Protanomaly
208, 238, 208

Deuteranomaly
231, 243, 219

Tritanomaly
227, 233, 238

Monochromacy



Original Color
211, 242, 230

Achromatopsia
233, 233, 233

Achromatomaly
225, 236, 232

CSS Examples

Text

The CSS property to change the color of the text to RYB 211, 242, 230 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(223, 242, 211)` looks like.

```
.text, #text, p{  
    color:rgb(223, 242, 211)  
}
```

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(223, 242, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 242, 211) }
```

Border

The CSS property to change the border of an element to RYB 211, 242, 230 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(223, 242, 211) }
```

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

```
.border{ border-color:rgb(223, 242, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 242, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 242, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 242, 211);  
box-shadow:4px 4px 4px 4px rgb(223, 242,  
211) }
```

Background

The CSS property to change the background color of an element to RGB 211, 242, 230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 242, 211) }
```

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

```
.background{ background-color: rgb(223,  
242, 211) }
```

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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