

Converting Colors

`RYB(172, 241, 212)`

Have a look what the booklet for
RYB(172, 241, 212) contains.

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Color

R_YB(172, 241, 212)

Conversions

Conversions Part 1

Format	Color
Hex	C9F1AC
RGB	201, 241, 172
RGB Percent	79%, 95%, 67%
CMY	0.2118, 0.0549, 0.3255
CMYK	0.17, 0.00, 0.29, 0.05
HSL	95°, 71%, 81%
HSV	95°, 29%, 95%
XYZ	62.9891, 78.3067, 50.8245
YIQ	221.1740, -1.6910, -29.9390

Conversions

Conversions Part 2

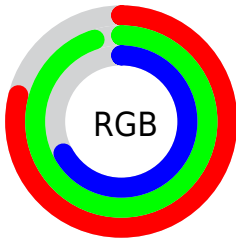
Format	Color
RYB	172, 241, 212
Decimal	13234604
CIELab	90.92, -24.94, 29.20
CIElCh	91, 38.398, 130.495
Yxy	78.3067, 0.3279, 0.4076
Android (android.graphics.Color)	4291424684 (0xFFC9F1AC)
YUV	221.1740, -24.2428, -17.6926
Hunter-Lab	88.4910, -27.8007, 27.8907

Details

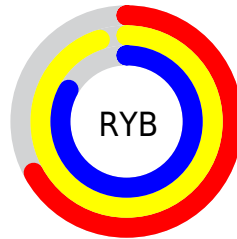
The RYB color **172, 241, 212** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **212, 172, 241**, and the grayscale version is **221, 221, 221**.

A 20% lighter version of the original color is **228, 255, 228**, and **119, 185, 158** is the 20% darker color. If you saturate the color by 10%, you get **148, 241, 202**, and if you desaturate by 10%, it is **196, 241, 222**.

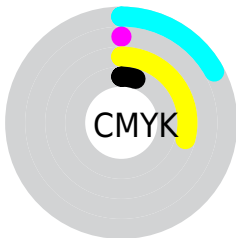
Distribution



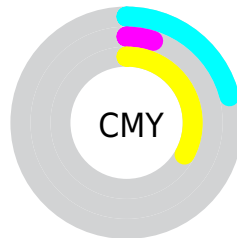
- Red (79%)
- Green (95%)
- Blue (67%)



- Red (67%)
- Yellow (95%)
- Blue (83%)



- Cyan (17%)
- Magenta (0%)
- Yellow (29%)
- Black (5%)



- Cyan (21%)
- Magenta (5%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 172, 241, 212 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 172, 241, 212 by changing the saturation by 10% instead.


 172, 241, 212


255, 255, 255


 228, 255, 228

 172, 241, 212

 145, 213, 185

 119, 185, 158

 94, 158, 132

 70, 132, 108

 46, 106, 83

 23, 82, 60

 0, 58, 37

 0, 37, 37

 0, 6, 6

■ 172, 241, 212

■ 172, 241, 212

■ 148, 241, 202

■ 196, 241, 222

■ 124, 241, 192

■ 220, 241, 232

■ 100, 241, 182

■ 243, 241, 244

■ 76, 241, 172

■ 255, 241, 255

■ 51, 241, 161

■ 27, 241, 151

■ 3, 241, 141

■ 0, 241, 140

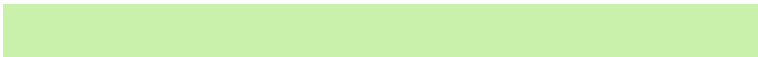
Harmonies

Analogous

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



169, 242, 156



172, 241, 212



158, 217, 247

Triad

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



172, 241, 212



145, 196, 255



255, 201, 217

Complementary

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



172, 241, 212



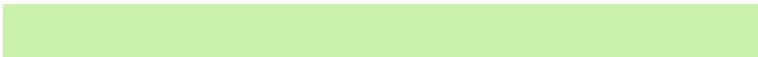
212, 172, 241

Split Complementary

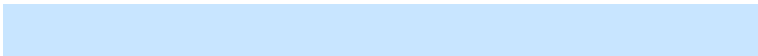
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 205, 254



172, 241, 212



200, 219, 255

Square

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



172, 241, 212



110, 180, 255



251, 215, 255



255, 219, 183

Rectangle

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



172, 241, 212



131, 196, 249



251, 215, 255



255, 201, 230

Sweetspot

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



172, 241, 212



232, 255, 245



225, 241, 172



113, 128, 122



0, 0, 0



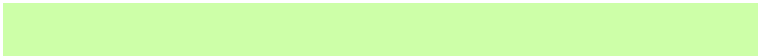
128, 128, 128

Same Dimension

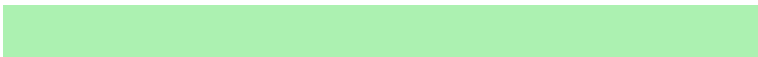
The Same Dimension uses a secret algorithm to generate beautiful new colors.



172, 241, 212



168, 255, 218



172, 236, 241



108, 120, 115



0, 184, 107



0, 56, 32

Inverse Universe

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



212, 172, 241



219, 168, 255



241, 172, 236



115, 108, 120



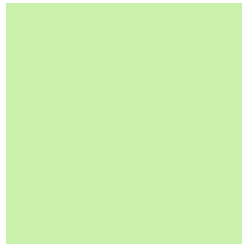
106, 0, 184



33, 0, 56

Previews

White Background



This preview shows how the RYB color 172, 241, 212 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 172, 241, 212 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 172, 241, 212 Background



This preview shows how black text looks on a background with the RYB color 172, 241, 212.

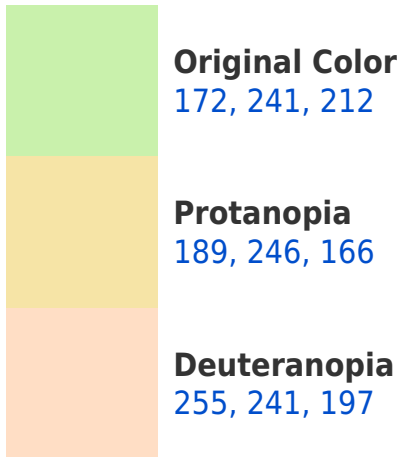


This preview shows how white text looks on a background with the RYB color 172, 241, 212.

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





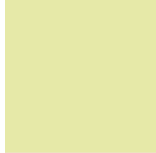
Tritanopia
213, 225, 249

Trichromacy



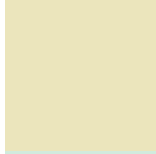
Original Color

172, 241, 212



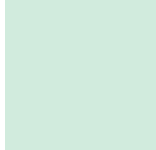
Protanomaly

168, 233, 171



Deuteranomaly

195, 235, 188



Tritanomaly

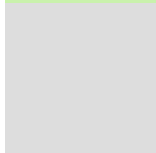
209, 227, 235

Monochromacy



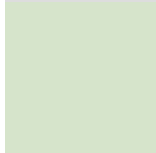
Original Color

172, 241, 212



Achromatopsia

221, 221, 221



Achromatomaly

203, 228, 217

CSS Examples

Text

The CSS property to change the color of the text to RGB 172, 241, 212 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(201, 241, 172)` looks like.

```
.text, #text, p{  
    color:rgb(201, 241, 172)  
}
```

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(201, 241, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 241, 172) }
```

Border

The CSS property to change the border of an element to RYB 172, 241, 212 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(201, 241, 172) }
```

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

```
.border{ border-color:rgb(201, 241, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 241, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 241, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 241, 172);  
box-shadow:4px 4px 4px 4px rgb(201, 241,  
172) }
```

Background

The CSS property to change the background color of an element to RYB 172, 241, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 241, 172) }
```

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

```
.background{ background-color: rgb(201,  
241, 172) }
```

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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