

Converting Colors

`RYB(212, 255, 255)`

Have a look what the booklet for
RYB(212, 255, 255) contains.

RYB(212, 255, 255)	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(212, 255, 255)

Conversions

Conversions Part 1

Format	Color
Hex	D4FFD4
RGB	212, 255, 212
RGB Percent	83%, 100%, 83%
CMY	0.1686, 0.0000, 0.1686
CMYK	0.17, 0.00, 0.17, 0.00
HSL	120°, 100%, 92%
HSV	120°, 17%, 100%
XYZ	74.7950, 90.2705, 75.7692
YIQ	237.2410, -11.8250, -22.4890

Conversions

Conversions Part 2

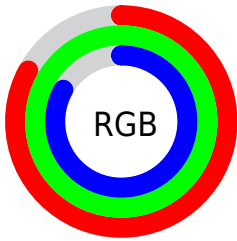
Format	Color
R_{YB}	212, 255, 255
Decimal	13959124
CIE _{Lab}	96.11, -21.61, 16.06
CIE _{LCh}	96, 26.925, 143.383
Yxy	90.2705, 0.3106, 0.3748
Android (android.graphics.Color)	4292149204 (0xFFD4FFD4)
YUV	237.2410, -12.4438, -22.1364
Hunter-Lab	95.0108, -25.7489, 19.2250

Details

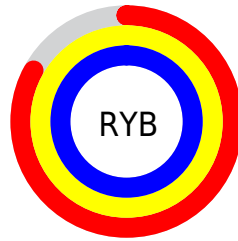
The RYB color **212, 255, 255** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **255, 212, 255**, and the grayscale version is **237, 237, 237**.

A 20% lighter version of the original color is **255, 255, 255**, and **157, 198, 198** is the 20% darker color. If you saturate the color by 10%, you get **187, 255, 255**, and if you desaturate by 10%, it is **238, 255, 255**.

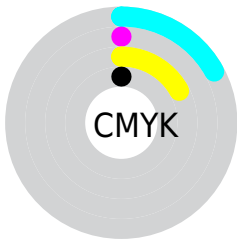
Distribution



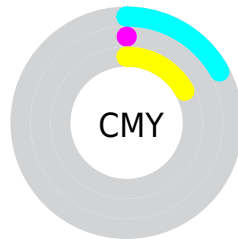
- Red (83%)
- Green (100%)
- Blue (83%)



- Red (83%)
- Yellow (100%)
- Blue (100%)



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



- Cyan (17%)
- Magenta (0%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RYB color 212, 255, 255 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 212, 255, 255 by changing the saturation by 10% instead.

 212, 255, 255

255, 255, 255


 212, 255, 255

 184, 226, 226


 157, 198, 198

 130, 170, 171

 105, 143, 144

 80, 116, 118

 56, 91, 93

 33, 67, 70

 8, 40, 47

 0, 28, 28

■ 212, 255, 255

■ 212, 255, 255

■ 187, 255, 255

■ 238, 255, 255

■ 161, 255, 255

255, 255, 255

■ 136, 255, 255

■ 110, 255, 255

■ 85, 255, 255

■ 59, 255, 255

■ 33, 255, 255

■ 8, 255, 255

■ 0, 255, 255

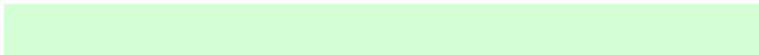
Harmonies

Analogous

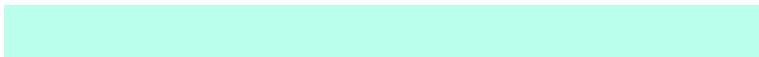
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



196, 248, 202



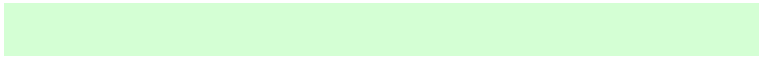
212, 255, 255



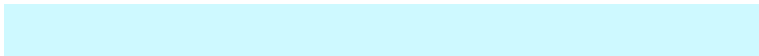
186, 226, 255

Triad

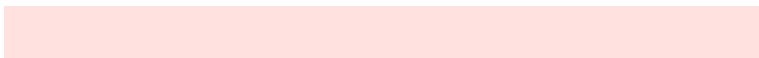
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



212, 255, 255



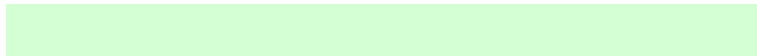
206, 229, 255



255, 226, 224

Complementary

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



212, 255, 255



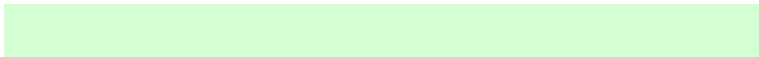
255, 212, 255

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



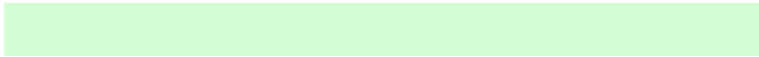
212, 255, 255



241, 239, 255

Square

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



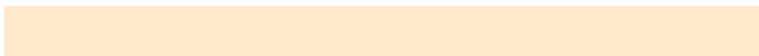
212, 255, 255



179, 217, 255



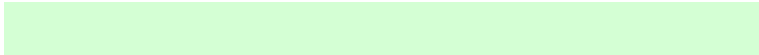
255, 231, 255



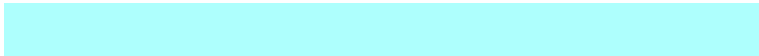
244, 255, 203

Rectangle

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



212, 255, 255



174, 215, 255



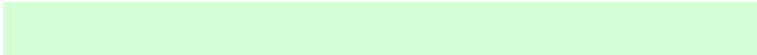
255, 231, 255



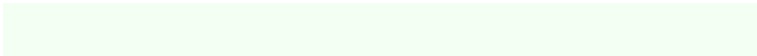
255, 225, 233

Sweetspot

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



212, 255, 255



242, 255, 255



212, 255, 212



120, 128, 128



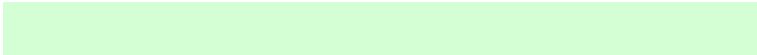
0, 0, 0



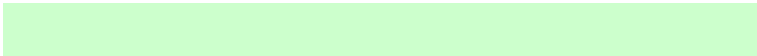
128, 128, 128

Same Dimension

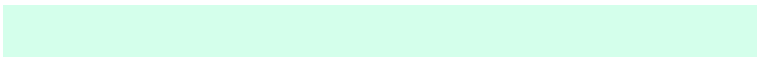
The Same Dimension uses a secret algorithm to generate beautiful new colors.



212, 255, 255



204, 255, 255



212, 240, 255



115, 128, 128



0, 191, 191



0, 64, 64

Inverse Universe

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



255, 212, 255



255, 204, 255



255, 212, 234



128, 115, 128



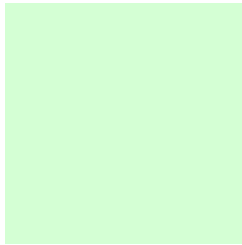
191, 0, 191



64, 0, 64

Previews

White Background



This preview shows how the RYB color 212, 255, 255 looks on a white background.

Color Contrast Check

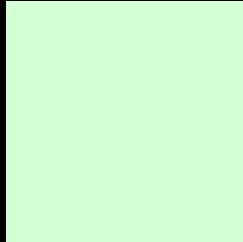
Large Text (above 18pt) WCAG AA × Fail

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 212, 255, 255 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

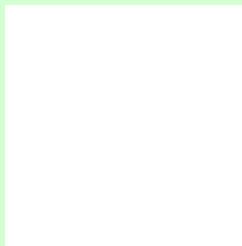
Any Text WCAG AAA ✓ Pass

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

RYB 212, 255, 255 Background



This preview shows how black text looks on a background with the RYB color 212, 255, 255.

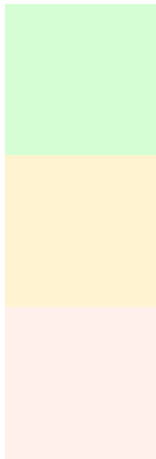


This preview shows how white text looks on a background with the RYB color 212, 255, 255.

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



Original Color
212, 255, 255

Protanopia
225, 255, 209

Deuteranopia
255, 242, 235



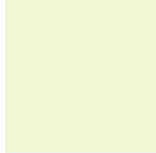
Tritanopia
233, 241, 255

Trichromacy



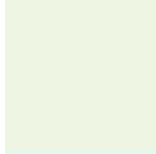
Original Color

212, 255, 255



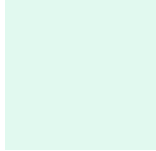
Protanomaly

210, 247, 218



Deuteranomaly

227, 245, 233



Tritanomaly

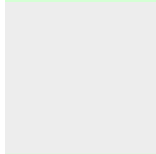
225, 240, 249

Monochromacy



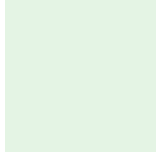
Original Color

212, 255, 255



Achromatopsia

237, 237, 237



Achromatomaly

228, 244, 244

CSS Examples

Text

The CSS property to change the color of the text to RYB 212, 255, 255 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(212, 255, 212)` looks like.

```
.text, #text, p{  
    color:rgb(212, 255, 212)  
}
```

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(212, 255, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 255, 212) }
```

Border

The CSS property to change the border of an element to RYB 212, 255, 255 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(212, 255, 212) }
```

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

```
.border{ border-color:rgb(212, 255, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 255, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 255, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 255, 212);  
box-shadow:4px 4px 4px 4px rgb(212, 255,  
212) }
```

Background

The CSS property to change the background color of an element to RYB 212, 255, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 255, 212) }
```

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

```
.background{ background-color: rgb(212,  
255, 212) }
```

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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