

Converting Colors

`RYB(184, 255, 212)`

Have a look what the booklet for
RYB(184, 255, 212) contains.

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Color

R_YB(184, 255, 212)

Conversions

Conversions Part 1

Format	Color
Hex	E3FFB8
RGB	227, 255, 184
RGB Percent	89%, 100%, 72%
CMY	0.1098, 0.0000, 0.2784
CMYK	0.11, 0.00, 0.28, 0.00
HSL	84°, 100%, 86%
HSV	84°, 28%, 100%
XYZ	76.0903, 91.3116, 58.9619
YIQ	238.5340, 6.1030, -28.0170

Conversions

Conversions Part 2

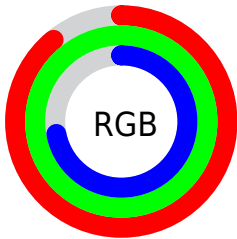
Format	Color
RYB	184, 255, 212
Decimal	14942136
CIELab	96.54, -20.81, 31.01
CIELCh	97, 37.350, 123.864
Yxy	91.3116, 0.3361, 0.4034
Android (android.graphics.Color)	4293132216 (0xFFE3FFB8)
YUV	238.5340, -26.8853, -10.1153
Hunter-Lab	95.5571, -25.0888, 30.3061

Details

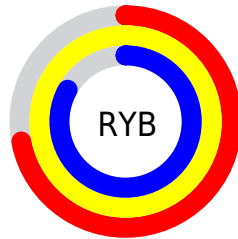
The RYB color **184, 255, 212** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **212, 184, 255**, and the grayscale version is **239, 239, 239**.

A 20% lighter version of the original color is **240, 255, 240**, and **130, 198, 157** is the 20% darker color. If you saturate the color by 10%, you get **159, 255, 197**, and if you desaturate by 10%, it is **210, 255, 228**.

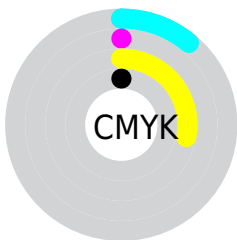
Distribution



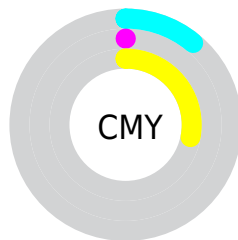
- Red (89%)
- Green (100%)
- Blue (72%)



- Red (72%)
- Yellow (100%)
- Blue (83%)



- Cyan (11%)
- Magenta (0%)
- Yellow (28%)
- Black (0%)



- Cyan (11%)
- Magenta (0%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 184, 255, 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 184, 255, 212 by changing the saturation by 10% instead.


 184, 255, 212

255, 255, 255


 240, 255, 240

 184, 255, 212


 157, 226, 184

 130, 198, 157

 105, 171, 132

 80, 144, 106

 56, 119, 83

 33, 94, 59

 9, 70, 35

 0, 47, 25

 0, 28, 28

■ 184, 255, 212

■ 184, 255, 212

■ 159, 255, 197

■ 210, 255, 228

■ 133, 255, 181

■ 235, 255, 243

■ 107, 255, 165

255, 255, 255

■ 82, 255, 150

■ 57, 255, 135

■ 31, 255, 119

■ 6, 255, 104

■ 0, 255, 101

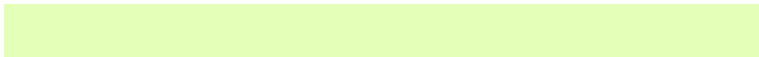
Harmonies

Analogous

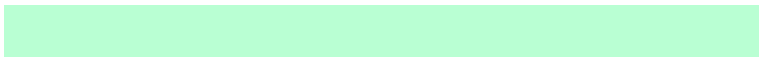
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



186, 255, 173



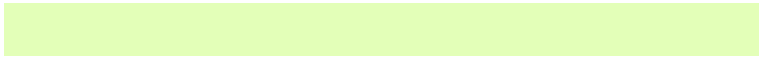
184, 255, 212



185, 236, 255

Triad

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



184, 255, 212



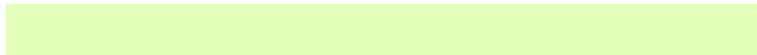
156, 206, 255



255, 218, 242

Complementary

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



184, 255, 212



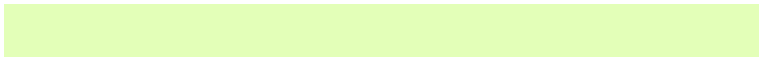
212, 184, 255

Split Complementary

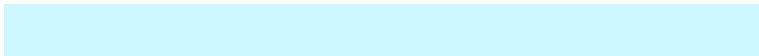
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 223, 255



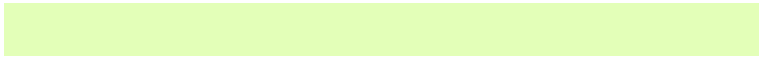
184, 255, 212



205, 228, 255

Square

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



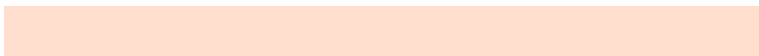
184, 255, 212



132, 194, 255



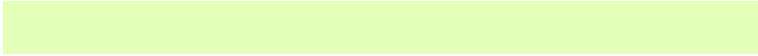
255, 234, 255



255, 230, 206

Rectangle

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



184, 255, 212



159, 212, 255



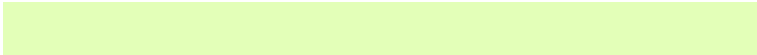
255, 234, 255



255, 219, 254

Sweetspot

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



184, 255, 212



235, 255, 243



255, 228, 184



115, 128, 121



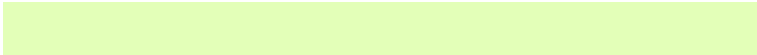
0, 0, 0



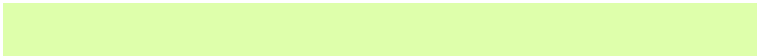
128, 128, 128

Same Dimension

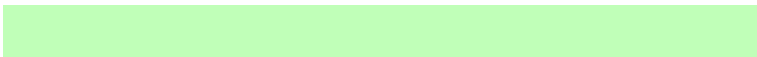
The Same Dimension uses a secret algorithm to generate beautiful new colors.



184, 255, 212



171, 255, 204



184, 255, 247



115, 128, 121



0, 191, 75



0, 64, 25

Inverse Universe

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



212, 184, 255



204, 171, 255



247, 184, 255



120, 115, 128



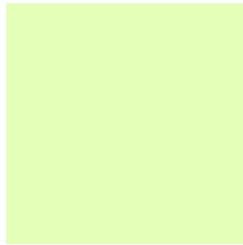
75, 0, 191



25, 0, 64

Previews

White Background



This preview shows how the RYB color 184, 255, 212 looks on a white background.

Color Contrast Check

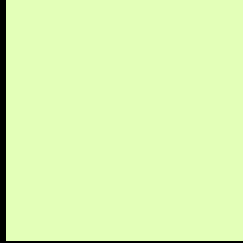
Large Text (above 18pt) WCAG AA × Fail

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 184, 255, 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

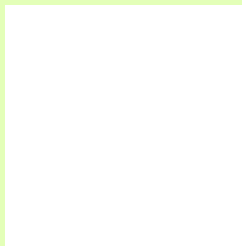
Any Text WCAG AAA ✓ Pass

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

RYB 184, 255, 212 Background



This preview shows how black text looks on a background with the RYB color 184, 255, 212.

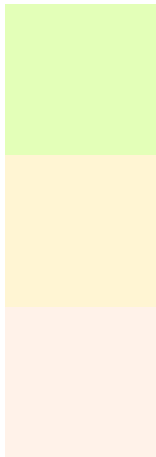


This preview shows how white text looks on a background with the RYB color 184, 255, 212.

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



Original Color
[184, 255, 212](#)

Protanopia
[224, 255, 211](#)

Deuteranopia
[255, 248, 233](#)



Tritanopia

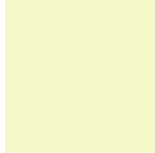
241, 244, 255

Trichromacy



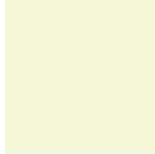
Original Color

184, 255, 212



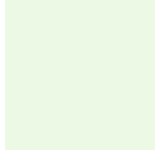
Protanomaly

201, 249, 205



Deuteranomaly

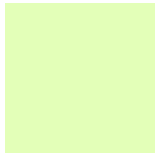
215, 247, 217



Tritanomaly

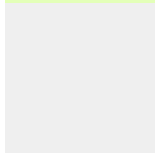
229, 249, 242

Monochromacy



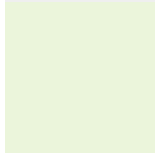
Original Color

184, 255, 212



Achromatopsia

239, 239, 239



Achromatomaly

219, 245, 229

CSS Examples

Text

The CSS property to change the color of the text to RYB 184, 255, 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(227, 255, 184)` looks like.

```
.text, #text, p{  
    color:rgb(227, 255, 184)  
}
```

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(227, 255, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 255, 184) }
```

Border

The CSS property to change the border of an element to RYB 184, 255, 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(227, 255, 184) }
```

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

```
.border{ border-color:rgb(227, 255, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 255, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 255, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 255, 184);  
box-shadow:4px 4px 4px 4px rgb(227, 255,  
184) }
```

Background

The CSS property to change the background color of an element to RYB 184, 255, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 255, 184) }
```

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

```
.background{ background-color: rgb(227,  
255, 184) }
```

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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