

Converting Colors

`RYB(186, 247, 212)`

Have a look what the booklet for
RYB(186, 247, 212) contains.

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Color

R_YB(186, 247, 212)

Conversions

Conversions Part 1

Format	Color
Hex	DDF7BA
RGB	221, 247, 186
RGB Percent	87%, 97%, 73%
CMY	0.1333, 0.0314, 0.2706
CMYK	0.11, 0.00, 0.25, 0.03
HSL	86°, 79%, 85%
HSV	86°, 25%, 97%
XYZ	71.9425, 85.4389, 59.1539
YIQ	232.2720, 4.0850, -24.4830

Conversions

Conversions Part 2

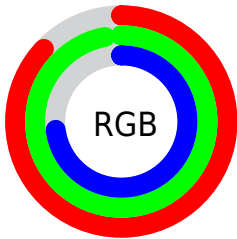
Format	Color
RYB	186, 247, 212
Decimal	14546874
CIELab	94.07, -18.78, 26.58
CIELCh	94, 32.547, 125.232
Yxy	85.4389, 0.3322, 0.3946
Android (android.graphics.Color)	4292736954 (0xFFDDDF7BA)
YUV	232.2720, -22.8121, -9.8855
Hunter-Lab	92.4331, -22.8280, 26.7597

Details

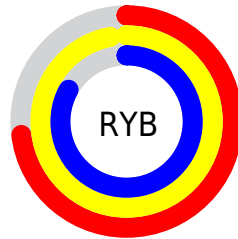
The RYB color **186, 247, 212** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **212, 186, 247**, and the grayscale version is **232, 232, 232**.

A 20% lighter version of the original color is **242, 255, 242**, and **132, 191, 158** is the 20% darker color. If you saturate the color by 10%, you get **161, 247, 198**, and if you desaturate by 10%, it is **211, 247, 226**.

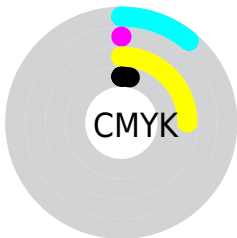
Distribution



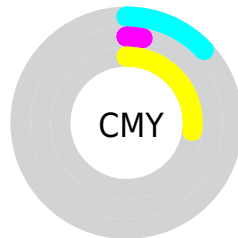
- Red (87%)
- Green (97%)
- Blue (73%)



- Red (73%)
- Yellow (97%)
- Blue (83%)



- Cyan (11%)
- Magenta (0%)
- Yellow (25%)
- Black (3%)



- Cyan (13%)
- Magenta (3%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 186, 247, 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 186, 247, 212 by changing the saturation by 10% instead.

■ 186, 247, 212

255, 255, 255

■ 242, 255, 242

■ 186, 247, 212

■ 159, 218, 184

■ 132, 191, 158

■ 107, 163, 131

■ 82, 137, 106

■ 59, 112, 83

■ 36, 87, 60

■ 13, 64, 37

■ 0, 41, 21

■ 0, 23, 23

186, 247, 212

186, 247, 212

161, 247, 198

211, 247, 226

137, 247, 184

235, 247, 240

112, 247, 170

253, 247, 255

87, 247, 155

255, 247, 255

63, 247, 142

38, 247, 127

13, 247, 113

0, 247, 105

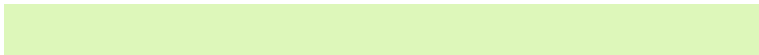
Harmonies

Analogous

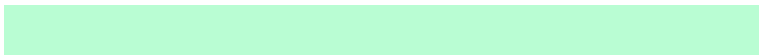
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



197, 255, 175



186, 247, 212



185, 234, 253

Triad

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



186, 247, 212



166, 209, 255



255, 215, 233

Complementary

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



186, 247, 212



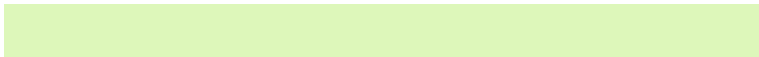
212, 186, 247

Split Complementary

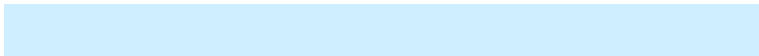
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 219, 255



186, 247, 212



207, 226, 255

Square

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



186, 247, 212



145, 200, 255



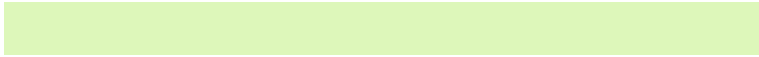
250, 228, 255



255, 224, 203

Rectangle

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



186, 247, 212



164, 216, 255



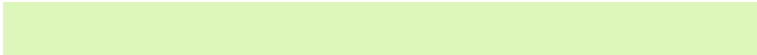
250, 228, 255



255, 216, 244

Sweetspot

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



186, 247, 212



237, 255, 245



247, 228, 186



117, 128, 122



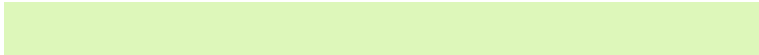
0, 0, 0



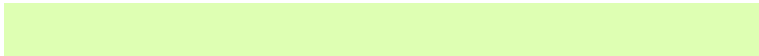
128, 128, 128

Same Dimension

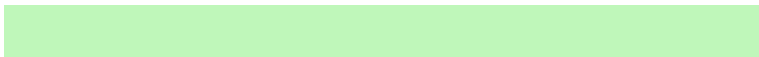
The Same Dimension uses a secret algorithm to generate beautiful new colors.



186, 247, 212



179, 255, 212



186, 247, 242



110, 122, 115



0, 186, 79



0, 59, 25

Inverse Universe

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



212, 186, 247



211, 179, 255



242, 186, 247



115, 110, 122



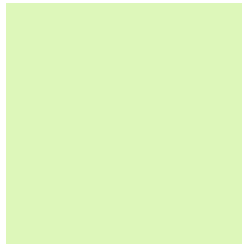
79, 0, 186



25, 0, 59

Previews

White Background



This preview shows how the RYB color 186, 247, 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 186, 247, 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

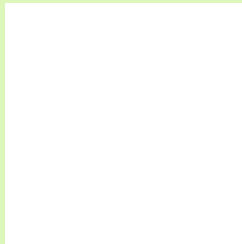
Any Text WCAG AAA ✓ Pass

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

RYB 186, 247, 212 Background



This preview shows how black text looks on a background with the RYB color 186, 247, 212.

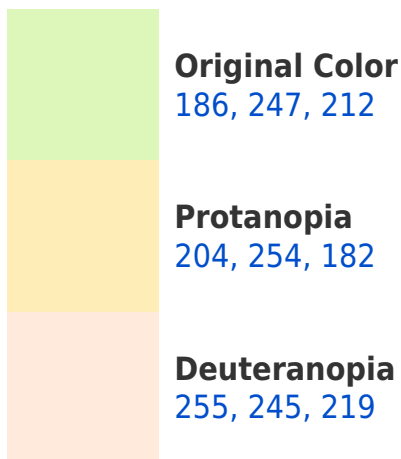


This preview shows how white text looks on a background with the RYB color 186, 247, 212.

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





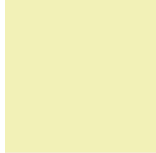
Tritanopia
232, 237, 255

Trichromacy



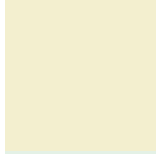
Original Color

186, 247, 212



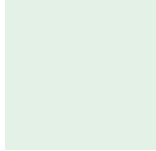
Protanomaly

184, 242, 183



Deuteranomaly

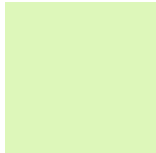
212, 243, 207



Tritanomaly

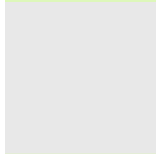
228, 239, 241

Monochromacy



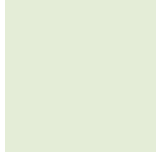
Original Color

186, 247, 212



Achromatopsia

232, 232, 232



Achromatomaly

215, 237, 224

CSS Examples

Text

The CSS property to change the color of the text to RYB 186, 247, 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(221, 247, 186)` looks like.

```
.text, #text, p{  
    color:rgb(221, 247, 186)  
}
```

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(221, 247, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 247, 186) }
```

Border

The CSS property to change the border of an element to RYB 186, 247, 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(221, 247, 186) }
```

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

```
.border{ border-color:rgb(221, 247, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 247, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 247, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 247, 186);  
box-shadow:4px 4px 4px 4px rgb(221, 247,  
186) }
```

Background

The CSS property to change the background color of an element to RYB 186, 247, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 247, 186) }
```

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

```
.background{ background-color: rgb(221,  
247, 186) }
```

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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