

Converting Colors

`RYB(187, 245, 214)`

Have a look what the booklet for
RYB(187, 245, 214) contains.

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Color

R_YB(187, 245, 214)

Conversions

Conversions Part 1

Format	Color
Hex	DAF5BB
RGB	218, 245, 187
RGB Percent	85%, 96%, 73%
CMY	0.1451, 0.0392, 0.2667
CMYK	0.11, 0.00, 0.24, 0.04
HSL	88°, 74%, 85%
HSV	88°, 24%, 96%
XYZ	70.5355, 83.7981, 59.4707
YIQ	230.3150, 2.5260, -23.7620

Conversions

Conversions Part 2

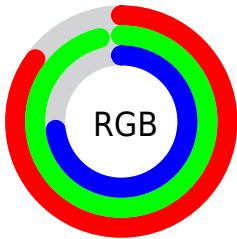
Format	Color
RYB	187, 245, 214
Decimal	14349755
CIELab	93.36, -18.71, 25.07
CIElCh	93, 31.283, 126.732
Yxy	83.7981, 0.3299, 0.3919
Android (android.graphics.Color)	4292539835 (0xFFDAF5BB)
YUV	230.3150, -21.3543, -10.8003
Hunter-Lab	91.5413, -22.6573, 25.5606

Details

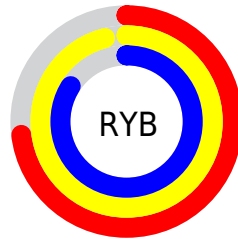
The RYB color **187, 245, 214** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **214, 187, 245**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is **243, 255, 243**, and **133, 189, 159** is the 20% darker color. If you saturate the color by 10%, you get **163, 245, 201**, and if you desaturate by 10%, it is **211, 245, 227**.

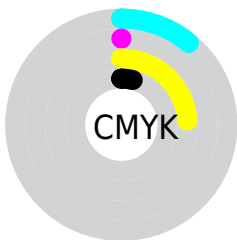
Distribution



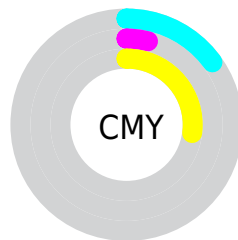
- Red (85%)
- Green (96%)
- Blue (73%)



- Red (73%)
- Yellow (96%)
- Blue (84%)



- Cyan (11%)
- Magenta (0%)
- Yellow (24%)
- Black (4%)



- Cyan (15%)
- Magenta (4%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 187, 245, 214 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 187, 245, 214 by changing the saturation by 10% instead.


 187, 245, 214

255, 255, 255


 243, 255, 243

 187, 245, 214

 160, 217, 187

 133, 189, 159

 108, 162, 134

 83, 135, 108

 60, 110, 85

 37, 85, 61

 15, 62, 39

 0, 40, 22

 0, 20, 20

■ 187, 245, 214

■ 187, 245, 214

■ 163, 245, 201

■ 211, 245, 227

■ 138, 245, 188

■ 236, 245, 240

■ 114, 245, 175

■ 252, 245, 255

■ 89, 245, 162

■ 255, 245, 255

■ 64, 245, 148

■ 40, 245, 135

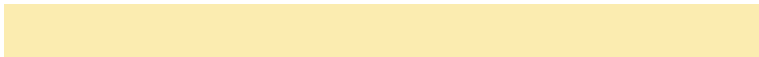
■ 15, 245, 122

■ 0, 245, 114

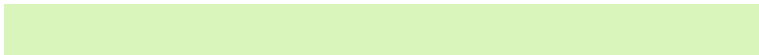
Harmonies

Analogous

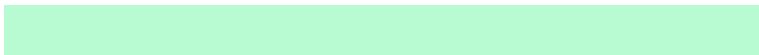
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



195, 251, 176



187, 245, 214



184, 232, 251

Triad

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



187, 245, 214



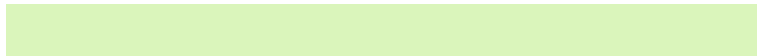
169, 209, 255



255, 214, 230

Complementary

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



187, 245, 214



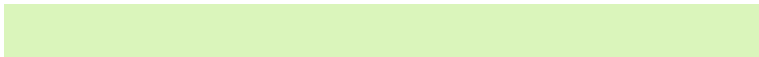
214, 187, 245

Split Complementary

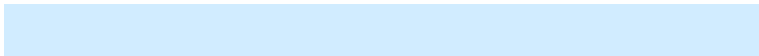
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 217, 255



187, 245, 214



209, 226, 255

Square

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



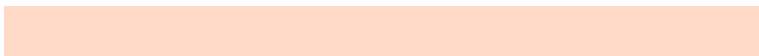
187, 245, 214



149, 201, 255



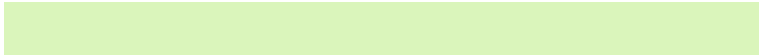
249, 226, 255



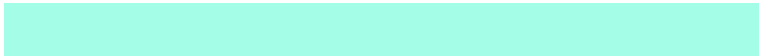
255, 226, 201

Rectangle

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



187, 245, 214



164, 215, 253



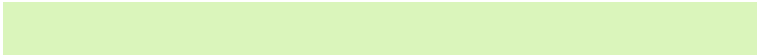
249, 226, 255



255, 214, 240

Sweetspot

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



187, 245, 214



237, 255, 245



245, 234, 187



117, 128, 122



0, 0, 0



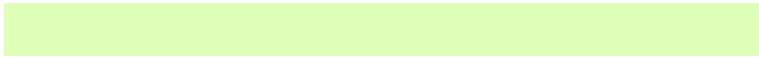
128, 128, 128

Same Dimension

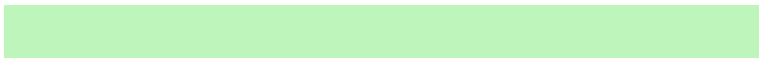
The Same Dimension uses a secret algorithm to generate beautiful new colors.



187, 245, 214



184, 255, 217



187, 245, 242



110, 122, 115



0, 186, 87



0, 59, 28

Inverse Universe

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



214, 187, 245



217, 184, 255



242, 187, 245



116, 110, 122



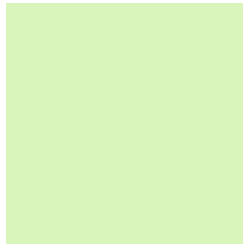
87, 0, 186



27, 0, 59

Previews

White Background



This preview shows how the RYB color 187, 245, 214 looks on a white background.

Color Contrast Check

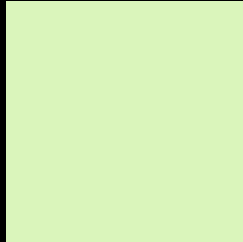
Large Text (above 18pt) WCAG AA × Fail

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 187, 245, 214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

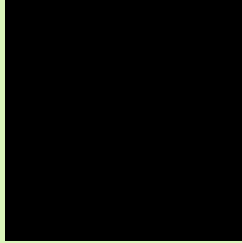
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

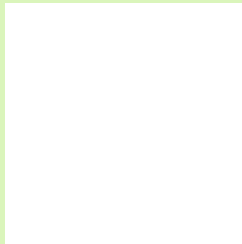
Any Text WCAG AAA ✓ Pass

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

RYB 187, 245, 214 Background



This preview shows how black text looks on a background with the RYB color 187, 245, 214.



This preview shows how white text looks on a background with the RYB color 187, 245, 214.

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

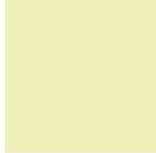
228, 234, 255

Trichromacy



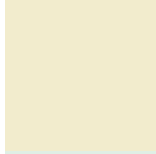
Original Color

187, 245, 214



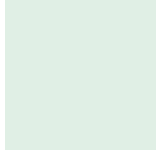
Protanomaly

184, 239, 184



Deuteranomaly

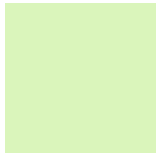
212, 242, 205



Tritanomaly

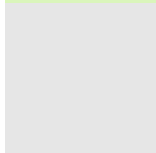
224, 235, 239

Monochromacy



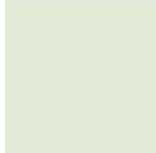
Original Color

187, 245, 214



Achromatopsia

230, 230, 230



Achromatomaly

214, 235, 223

CSS Examples

Text

The CSS property to change the color of the text to RYB 187, 245, 214 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(218, 245, 187)` looks like.

```
.text, #text, p{  
    color:rgb(218, 245, 187)  
}
```

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(218, 245, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 245, 187) }
```

Border

The CSS property to change the border of an element to RYB 187, 245, 214 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(218, 245, 187) }
```

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

```
.border{ border-color:rgb(218, 245, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 245, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 245, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 245, 187);  
box-shadow:4px 4px 4px 4px rgb(218, 245,  
187) }
```

Background

The CSS property to change the background color of an element to RYB 187, 245, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 245, 187) }
```

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

```
.background{ background-color: rgb(218,  
245, 187) }
```

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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