

Converting Colors

`RYB(187, 232, 189)`

Have a look what the booklet for
RYB(187, 232, 189) contains.

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Color

R_YB(187, 232, 189)

Conversions

Conversions Part 1

Format	Color
Hex	E6E8BB
RGB	230, 232, 187
RGB Percent	90%, 91%, 73%
CMY	0.0980, 0.0902, 0.2667
CMYK	0.01, 0.00, 0.19, 0.09
HSL	63°, 49%, 82%
HSV	63°, 19%, 91%
XYZ	70.4594, 78.1241, 58.3796
YIQ	226.2720, 13.2530, -14.4190

Conversions

Conversions Part 2

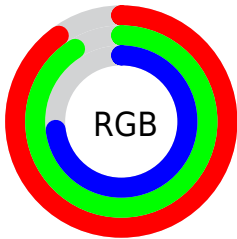
Format	Color
RYB	187, 232, 189
Decimal	15132859
CIELab	90.84, -7.98, 21.72
CIELCh	91, 23.142, 110.179
Yxy	78.1241, 0.3404, 0.3775
Android (android.graphics.Color)	4293322939 (0xFFE6E8BB)
YUV	226.2720, -19.3611, 3.2695
Hunter-Lab	88.3878, -12.3853, 22.7108

Details

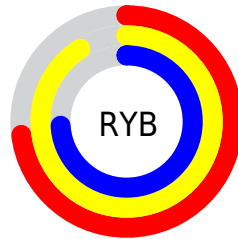
The RYB color **187, 232, 189** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **189, 187, 232**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is **243, 255, 243**, and **134, 176, 136** is the 20% darker color. If you saturate the color by 10%, you get **164, 232, 167**, and if you desaturate by 10%, it is **210, 232, 211**.

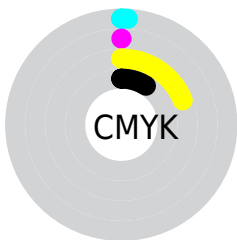
Distribution



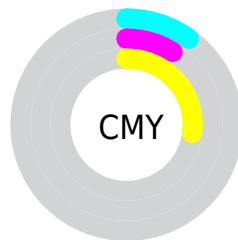
- Red (90%)
- Green (91%)
- Blue (73%)



- Red (73%)
- Yellow (91%)
- Blue (74%)



- Cyan (1%)
- Magenta (0%)
- Yellow (19%)
- Black (9%)



- Cyan (10%)
- Magenta (9%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 187, 232, 189 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, 232, 189 by changing the saturation by 10% instead.


 187, 232, 189

255, 255, 255

 243, 255, 243

 187, 232, 189

 160, 204, 162

 134, 176, 136

 108, 150, 111

 84, 124, 87

 60, 99, 63

 38, 75, 41

 17, 53, 21

 0, 31, 3

 0, 6, 6

 187, 232, 189

 187, 232, 189

 164, 232, 167

 210, 232, 211

 141, 232, 145

 232, 232, 233

 117, 232, 122

 233, 232, 255

 94, 232, 100

 234, 232, 255

 71, 232, 78

 235, 232, 255

 48, 232, 56

 236, 232, 255

 25, 232, 34

 237, 232, 255

 1, 232, 11

 238, 232, 255

 0, 232, 10

 239, 232, 255

Harmonies

Analogous

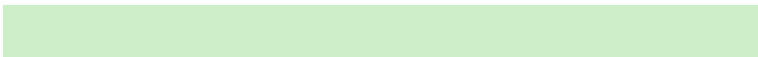
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



233, 253, 185



187, 232, 189



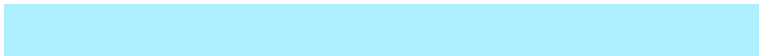
200, 238, 233

Triad

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



187, 232, 189



174, 210, 255



255, 214, 237

Complementary

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



187, 232, 189



189, 187, 232

Split Complementary

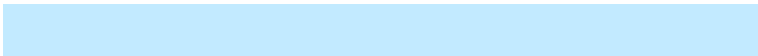
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



250, 218, 255



187, 232, 189



194, 218, 255

Square

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



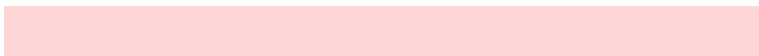
187, 232, 189



169, 205, 243



223, 226, 255



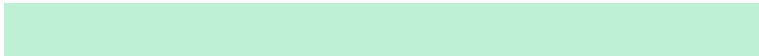
255, 214, 214

Rectangle

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



187, 232, 189



189, 224, 240



223, 226, 255



255, 215, 244

Sweetspot

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



187, 232, 189



240, 255, 241



232, 189, 187



119, 128, 120



0, 0, 0



128, 128, 128

Same Dimension

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



187, 232, 189



196, 255, 199



187, 232, 211



103, 115, 104



0, 179, 8



0, 51, 2

Inverse Universe

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



189, 187, 232



199, 196, 255



211, 187, 232



104, 103, 115



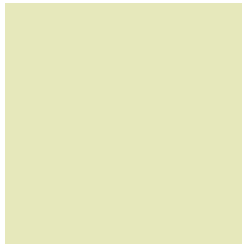
8, 0, 179



2, 0, 51

Previews

White Background



This preview shows how the RYB color 187, 232, 189 looks on a white background.

Color Contrast Check

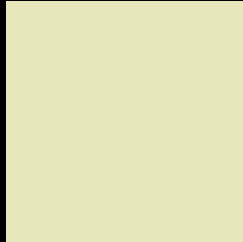
Large Text (above 18pt) WCAG AA × Fail

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, 232, 189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

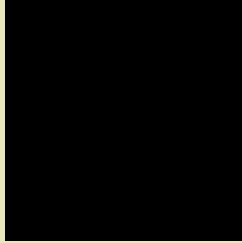
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

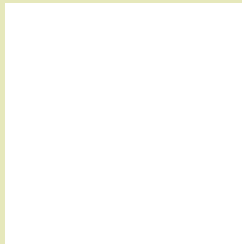
Any Text WCAG AAA ✓ Pass

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

RYB 187, 232, 189 Background



This preview shows how black text looks on a background with the RYB color 187, 232, 189.

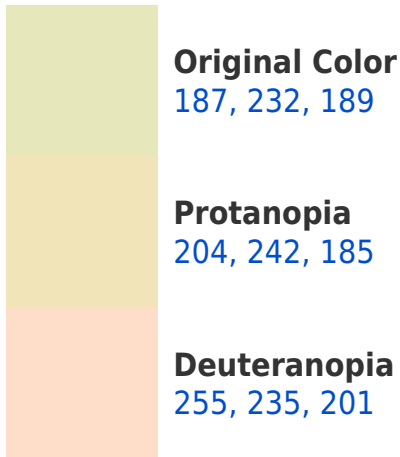


This preview shows how white text looks on a background with the RYB color 187, 232, 189.

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](#).

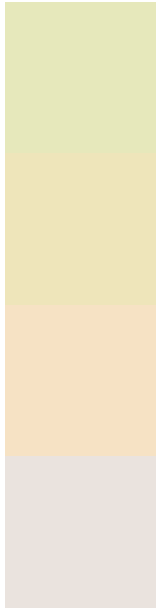
Dichromacy





Tritanopia
237, 224, 242

Trichromacy



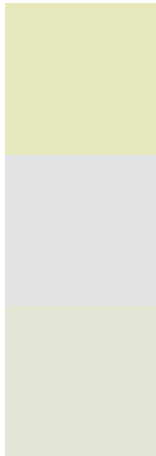
Original Color
187, 232, 189

Protanomaly
197, 238, 186

Deuteranomaly
229, 246, 196

Tritanomaly
234, 231, 222

Monochromacy



Original Color
187, 232, 189

Achromatopsia
226, 226, 226

Achromatomaly
212, 228, 213

CSS Examples

Text

The CSS property to change the color of the text to RYB 187, 232, 189 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(230, 232, 187)` looks like.

```
.text, #text, p{  
    color:rgb(230, 232, 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(230, 232, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 232, 187) }
```

Border

The CSS property to change the border of an element to RYB 187, 232, 189 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(230, 232, 187) }
```

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

```
.border{ border-color:rgb(230, 232, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 232, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 232, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 232, 187);  
box-shadow:4px 4px 4px 4px rgb(230, 232,  
187) }
```

Background

The CSS property to change the background color of an element to RYB 187, 232, 189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 232, 187) }
```

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

```
.background{ background-color: rgb(230,  
232, 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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