

Converting Colors

`RYB(186, 232, 234)`

Have a look what the booklet for RYB(186, 232, 234) contains.

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Color

R_YB(186, 232, 234)

Conversions

Conversions Part 1

Format	Color
Hex	BAEABC
RGB	186, 234, 188
RGB Percent	73%, 92%, 74%
CMY	0.2706, 0.0824, 0.2624
CMYK	0.21, 0.00, 0.20, 0.08
HSL	123°, 53%, 82%
HSV	123°, 21%, 92%
XYZ	58.7590, 72.9193, 58.6040
YIQ	214.4040, -13.8420, -24.4820

Conversions

Conversions Part 2

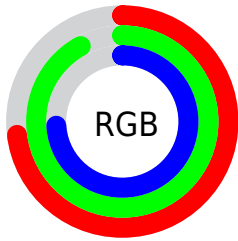
Format	Color
RYB	186, 232, 234
Decimal	12249788
CIELab	88.41, -24.10, 17.33
CIELCh	88, 29.683, 144.282
Yxy	72.9193, 0.3088, 0.3832
Android (android.graphics.Color)	4290439868 (0xFFBAEABC)
YUV	214.4040, -13.0172, -24.9103
Hunter-Lab	85.3928, -26.6112, 19.0850

Details

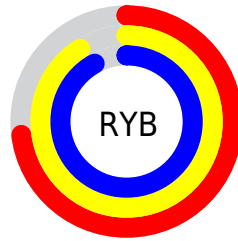
The RYB color **186, 232, 234** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **234, 186, 232**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **243, 254, 255**, and **132, 175, 178** is the 20% darker color. If you saturate the color by 10%, you get **163, 231, 234**, and if you desaturate by 10%, it is **209, 233, 234**.

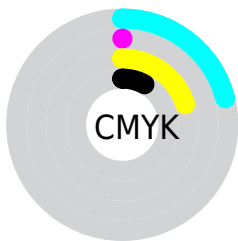
Distribution



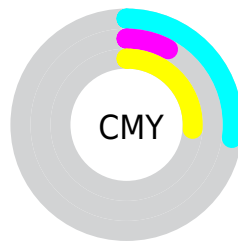
- Red (73%)
- Green (92%)
- Blue (74%)



- Red (73%)
- Yellow (91%)
- Blue (92%)



- Cyan (21%)
- Magenta (0%)
- Yellow (20%)
- Black (8%)



- Cyan (27%)
- Magenta (8%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RYB color 186, 232, 234 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, 232, 234 by changing the saturation by 10% instead.


 186, 232, 234

 186, 232, 234


255, 255, 255

 159, 204, 206


 243, 254, 255

 132, 175, 178


 106, 148, 151

 81, 121, 125

 57, 96, 100

 33, 71, 76

 7, 44, 53

 0, 32, 32

 0, 0, 0

 186, 232, 234

 186, 232, 234

 163, 231, 234

 209, 233, 234

 139, 230, 234

 233, 234, 234

 116, 229, 234

 255, 234, 255

 92, 227, 234

 69, 227, 234

 46, 226, 234

 22, 225, 234

 0, 224, 234

Harmonies

Analogous

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



170, 227, 179



186, 232, 234



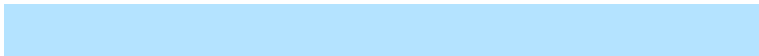
156, 204, 238

Triad

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



186, 232, 234



180, 209, 255



255, 203, 200

Complementary

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



186, 232, 234



234, 186, 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.



255, 202, 228



186, 232, 234



219, 217, 255

Square

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



186, 232, 234



149, 196, 255



253, 207, 255



255, 231, 177

Rectangle

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



186, 232, 234



143, 191, 238



253, 207, 255



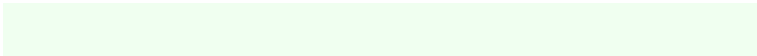
255, 202, 209

Sweetspot

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



186, 232, 234



240, 255, 255



186, 234, 188



119, 128, 128



0, 0, 0



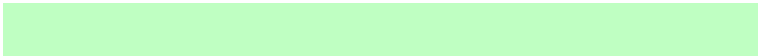
128, 128, 128

Same Dimension

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



186, 232, 234



191, 252, 255



186, 217, 234



106, 117, 117



0, 173, 181



0, 52, 54

Inverse Universe

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



234, 186, 232



255, 191, 252



234, 186, 208



117, 106, 117



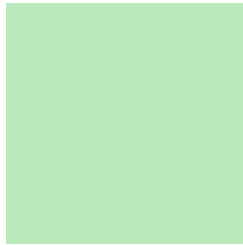
181, 0, 173



54, 0, 51

Previews

White Background



This preview shows how the RYB color 186, 232, 234 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, 232, 234 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

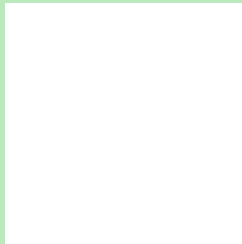
Any Text WCAG AAA ✓ Pass

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

RYB 186, 232, 234 Background



This preview shows how black text looks on a background with the RYB color 186, 232, 234.

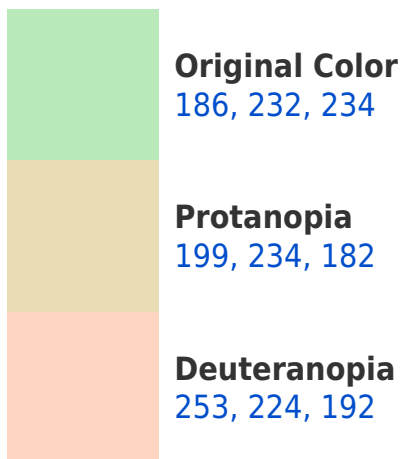


This preview shows how white text looks on a background with the RYB color 186, 232, 234.

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
196, 214, 244

Trichromacy



Original Color

186, 232, 234



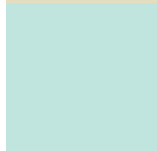
Protanomaly

184, 226, 193



Deuteranomaly

201, 229, 191



Tritanomaly

192, 212, 229

Monochromacy



Original Color

186, 232, 234



Achromatopsia

214, 214, 214



Achromatomaly

204, 220, 221

CSS Examples

Text

The CSS property to change the color of the text to RYB 186, 232, 234 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(186, 234, 188)` looks like.

```
.text, #text, p{  
    color:rgb(186, 234, 188)  
}
```

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(186, 234, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 234, 188) }
```

Border

The CSS property to change the border of an element to RYB 186, 232, 234 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(186, 234, 188) }
```

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

```
.border{ border-color:rgb(186, 234, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 234, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 234, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 234, 188);  
box-shadow:4px 4px 4px 4px rgb(186, 234,  
188) }
```

Background

The CSS property to change the background color of an element to RYB 186, 232, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 234, 188) }
```

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

```
.background{ background-color: rgb(186,  
234, 188) }
```

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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