

Converting Colors

`RYB(186, 226, 217)`

Have a look what the booklet for
RYB(186, 226, 217) contains.

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Color

R_YB(186, 226, 217)

Conversions

Conversions Part 1

Format	Color
Hex	C3E2BA
RGB	195, 226, 186
RGB Percent	76%, 89%, 73%
CMY	0.2353, 0.1137, 0.2706
CMYK	0.14, 0.00, 0.18, 0.11
HSL	107°, 41%, 81%
HSV	107°, 18%, 89%
XYZ	58.5650, 69.5400, 56.7902
YIQ	212.1710, -5.6360, -19.0120

Conversions

Conversions Part 2

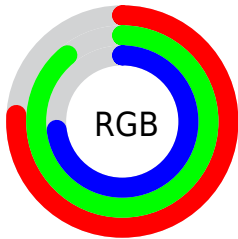
Format	Color
RYB	186, 226, 217
Decimal	12837562
CIELab	86.77, -17.51, 16.20
CIELCh	87, 23.852, 137.220
Yxy	69.5400, 0.3167, 0.3761
Android (android.graphics.Color)	4291027642 (0xFFC3E2BA)
YUV	212.1710, -12.9023, -15.0590
Hunter-Lab	83.3906, -20.5737, 17.9961

Details

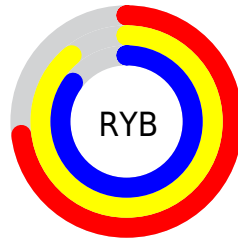
The RYB color **186, 226, 217** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **217, 186, 226**, and the grayscale version is **212, 212, 212**.

A 20% lighter version of the original color is **242, 255, 245**, and **133, 171, 163** is the 20% darker color. If you saturate the color by 10%, you get **163, 226, 212**, and if you desaturate by 10%, it is **209, 226, 222**.

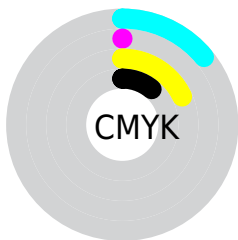
Distribution



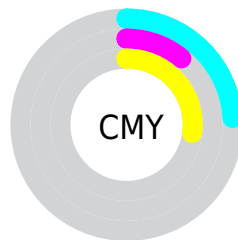
- Red (76%)
- Green (89%)
- Blue (73%)



- Red (73%)
- Yellow (89%)
- Blue (85%)



- Cyan (14%)
- Magenta (0%)
- Yellow (18%)
- Black (11%)



- Cyan (24%)
- Magenta (11%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 186, 226, 217 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, 226, 217 by changing the saturation by 10% instead.


 186, 226, 217


255, 255, 255


 242, 255, 245

 186, 226, 217


 159, 198, 189

 133, 171, 163

 107, 144, 136

 83, 118, 111

 60, 94, 88

 38, 70, 65

 17, 47, 43

 0, 28, 28

 0, 0, 0

 186, 226, 217

 186, 226, 217

 163, 226, 212

 209, 226, 222

 141, 226, 207

 230, 226, 231

 118, 226, 202

 248, 226, 254

 96, 226, 197

 255, 226, 255

 73, 226, 192

 50, 226, 186

 28, 226, 182

 5, 226, 176

 0, 226, 175

Harmonies

Analogous

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



175, 221, 174



186, 226, 217



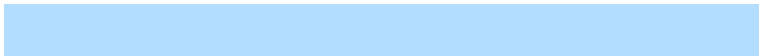
171, 208, 230

Triad

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



186, 226, 217



179, 206, 255



255, 202, 205

Complementary

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



186, 226, 217



217, 186, 226

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, 226, 217



209, 214, 255

Square

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



186, 226, 217



159, 198, 250



237, 207, 248



255, 215, 185

Rectangle

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



186, 226, 217



160, 197, 230



237, 207, 248



255, 201, 212

Sweetspot

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



186, 226, 217



242, 255, 252



198, 226, 186



120, 128, 126



0, 0, 0



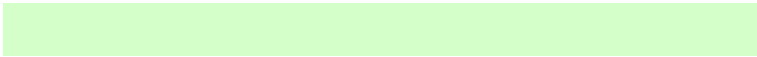
128, 128, 128

Same Dimension

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



186, 226, 217



201, 255, 243



186, 217, 226



101, 112, 109



0, 176, 136



0, 48, 37

Inverse Universe

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



217, 186, 226



243, 201, 255



226, 186, 215



110, 101, 112



136, 0, 176



38, 0, 48

Previews

White Background



This preview shows how the RYB color 186, 226, 217 looks on a white background.

Color Contrast Check

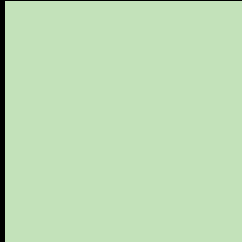
Large Text (above 18pt) WCAG AA × Fail

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, 226, 217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

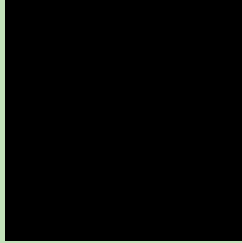
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

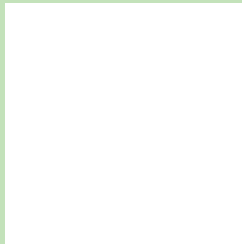
Any Text WCAG AAA ✓ Pass

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

RYB 186, 226, 217 Background



This preview shows how black text looks on a background with the RYB color 186, 226, 217.

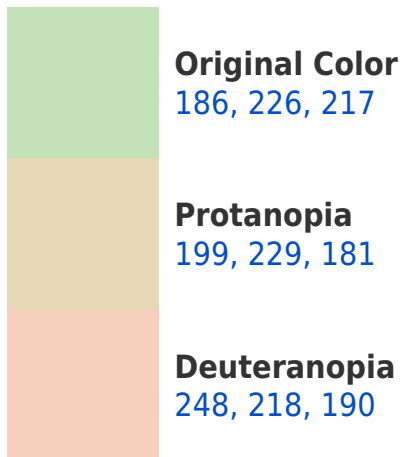


This preview shows how white text looks on a background with the RYB color 186, 226, 217.

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
203, 214, 236

Trichromacy



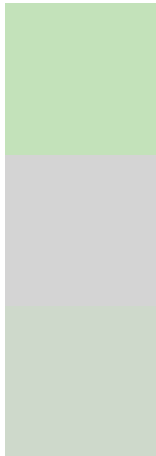
Original Color
186, 226, 217

Protanomaly
183, 220, 186

Deuteranomaly
211, 229, 189

Tritanomaly
200, 212, 222

Monochromacy



Original Color
186, 226, 217

Achromatopsia
212, 212, 212

Achromatomaly
203, 217, 214

CSS Examples

Text

The CSS property to change the color of the text to RYB 186, 226, 217 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(195, 226, 186)` looks like.

```
.text, #text, p{  
    color:rgb(195, 226, 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(195, 226, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 226, 186) }
```

Border

The CSS property to change the border of an element to RYB 186, 226, 217 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(195, 226, 186) }
```

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

```
.border{ border-color:rgb(195, 226, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 226, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 226, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 226, 186);  
box-shadow:4px 4px 4px 4px rgb(195, 226,  
186) }
```

Background

The CSS property to change the background color of an element to RYB 186, 226, 217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 226, 186) }
```

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

```
.background{ background-color: rgb(195,  
226, 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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