

Converting Colors

`RYB(186, 226, 209)`

Have a look what the booklet for
RYB(186, 226, 209) contains.

RYB(186, 226, 209)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(186, 226, 209)

Conversions

Conversions Part 1

Format	Color
Hex	CBE2BA
RGB	203, 226, 186
RGB Percent	80%, 89%, 73%
CMY	0.2039, 0.1137, 0.2706
CMYK	0.10, 0.00, 0.18, 0.11
HSL	95°, 41%, 81%
HSV	95°, 18%, 89%
XYZ	60.6879, 70.6344, 56.8896
YIQ	214.5630, -0.8680, -17.3160

Conversions

Conversions Part 2

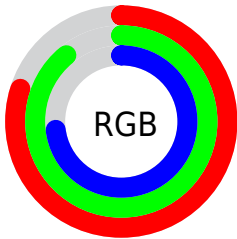
Format	Color
RYB	186, 226, 209
Decimal	13361850
CIELab	87.31, -14.74, 17.03
CIELCh	87, 22.523, 130.872
Yxy	70.6344, 0.3224, 0.3753
Android (android.graphics.Color)	4291551930 (0xFFCBE2BA)
YUV	214.5630, -14.0816, -10.1408
Hunter-Lab	84.0443, -18.1836, 18.6976

Details

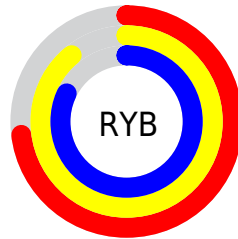
The RYB color **186, 226, 209** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **209, 186, 226**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **242, 255, 242**, and **133, 171, 155** is the 20% darker color. If you saturate the color by 10%, you get **163, 226, 199**, and if you desaturate by 10%, it is **209, 226, 219**.

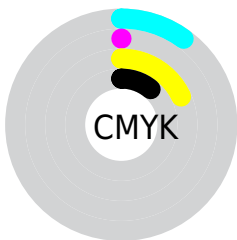
Distribution



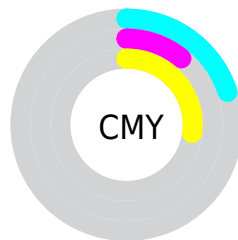
- Red (80%)
- Green (89%)
- Blue (73%)



- Red (73%)
- Yellow (89%)
- Blue (82%)



- Cyan (10%)
- Magenta (0%)
- Yellow (18%)
- Black (11%)



- Cyan (20%)
- Magenta (11%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 186, 226, 209 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, 209 by changing the saturation by 10% instead.

 186, 226, 209

255, 255, 255


 242, 255, 242

 186, 226, 209

 159, 198, 182

 133, 171, 155

 107, 144, 128

 83, 118, 103

 60, 94, 81

 38, 70, 58

 17, 48, 37

 0, 27, 24

 0, 0, 0

 186, 226, 209

 186, 226, 209

 163, 226, 199

 209, 226, 219

 141, 226, 190

 229, 226, 231

 118, 226, 180

 242, 226, 254

 96, 226, 171

 255, 226, 255

 73, 226, 161

 50, 226, 151

 28, 226, 142

 5, 226, 132

 0, 226, 130

Harmonies

Analogous

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



185, 227, 177



186, 226, 209



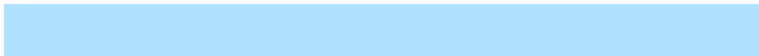
180, 214, 230

Triad

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



186, 226, 209



178, 207, 255



255, 204, 212

Complementary

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



186, 226, 209



209, 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.



253, 205, 233



186, 226, 209



205, 215, 255

Square

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



186, 226, 209



162, 199, 246



232, 211, 251



255, 212, 192

Rectangle

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



186, 226, 209



168, 203, 231



232, 211, 251



255, 204, 219

Sweetspot

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



186, 226, 209



242, 255, 249



216, 226, 186



120, 128, 125



0, 0, 0



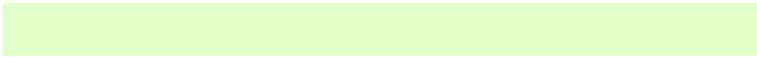
128, 128, 128

Same Dimension

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



186, 226, 209



201, 255, 232



186, 223, 226



101, 112, 107



0, 176, 101



0, 48, 27

Inverse Universe

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



209, 186, 226



232, 201, 255



226, 186, 223



107, 101, 112



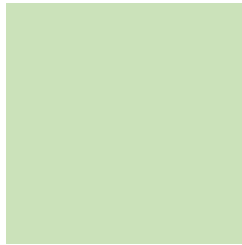
101, 0, 176



28, 0, 48

Previews

White Background



This preview shows how the RYB color 186, 226, 209 looks on a white background.

Color Contrast Check

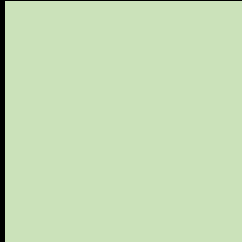
Large Text (above 18pt) WCAG AA × Fail

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, 209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

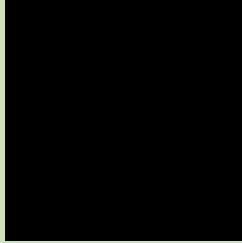
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

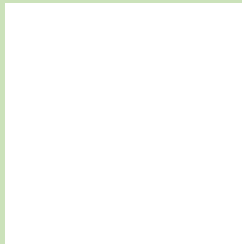
Any Text WCAG AAA ✓ Pass

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

RYB 186, 226, 209 Background



This preview shows how black text looks on a background with the RYB color 186, 226, 209.

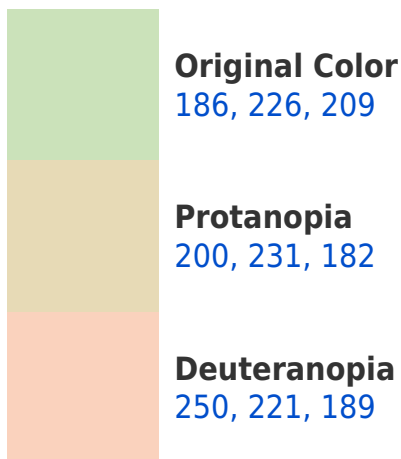


This preview shows how white text looks on a background with the RYB color 186, 226, 209.

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
211, 217, 236

Trichromacy



Original Color

186, 226, 209



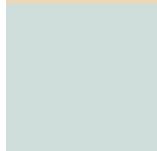
Protanomaly

183, 221, 183



Deuteranomaly

215, 233, 188



Tritanomaly

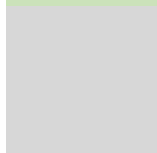
208, 216, 222

Monochromacy



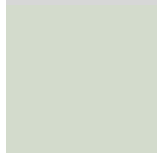
Original Color

186, 226, 209



Achromatopsia

215, 215, 215



Achromatomaly

204, 219, 212

CSS Examples

Text

The CSS property to change the color of the text to RYB 186, 226, 209 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(203, 226, 186)` looks like.

```
.text, #text, p{  
    color:rgb(203, 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(203, 226, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 226, 186) }
```

Border

The CSS property to change the border of an element to RYB 186, 226, 209 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(203, 226, 186) }
```

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

```
.border{ border-color:rgb(203, 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(203, 226, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 226, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 226, 186);  
box-shadow:4px 4px 4px 4px rgb(203, 226,  
186) }
```

Background

The CSS property to change the background color of an element to RYB 186, 226, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 226, 186) }
```

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

```
.background{ background-color: rgb(203,  
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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