

Converting Colors

`RYB(186, 215, 228)`

Have a look what the booklet for
RYB(186, 215, 228) contains.

RYB(186, 215, 228)	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, 215, 228)

Conversions

Conversions Part 1

Format	Color
Hex	BAE4CD
RGB	186, 228, 205
RGB Percent	73%, 89%, 80%
CMY	0.2706, 0.1059, 0.1968
CMYK	0.18, 0.00, 0.10, 0.11
HSL	147°, 44%, 81%
HSV	147°, 18%, 89%
XYZ	58.9917, 70.3254, 68.1135
YIQ	212.8200, -17.6490, -16.0570

Conversions

Conversions Part 2

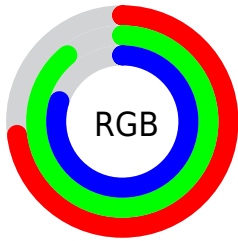
Format	Color
RYB	186, 215, 228
Decimal	12248269
CIELab	87.16, -18.14, 6.81
CIELCh	87, 19.372, 159.430
Yxy	70.3254, 0.2988, 0.3562
Android (android.graphics.Color)	4290438349 (0xFFBAE4CD)
YUV	212.8200, -3.8553, -23.5211
Hunter-Lab	83.8602, -21.1890, 10.5452

Details

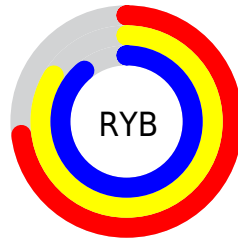
The RYB color **186, 215, 228** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **228, 186, 209**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is **243, 249, 255**, and **132, 159, 172** is the 20% darker color. If you saturate the color by 10%, you get **163, 208, 228**, and if you desaturate by 10%, it is **209, 222, 228**.

Distribution



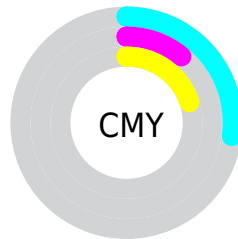
- Red (73%)
- Green (89%)
- Blue (80%)



- Red (73%)
- Yellow (84%)
- Blue (89%)



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



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

Brightness & Saturation Gradients

These gradients show how the RYB color 186, 215, 228 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, 215, 228 by changing the saturation by 10% instead.


 186, 215, 228

255, 255, 255


 243, 249, 255

 186, 215, 228

 159, 187, 200


 132, 159, 172

 107, 134, 146

 82, 108, 120

 58, 83, 95

 35, 59, 71

 11, 35, 49

 0, 22, 29

 0, 0, 0

 186, 215, 228

 186, 215, 228

 163, 208, 228


 209, 222, 228

 140, 201, 228


 232, 228, 230


 118, 194, 228


 254, 228, 243


 95, 187, 228


 255, 228, 255

 72, 180, 228

 49, 173, 228

 26, 165, 228

 4, 159, 228

 0, 158, 228

Harmonies

Analogous

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



190, 224, 208



186, 215, 228



172, 202, 229

Triad

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



186, 215, 228



205, 215, 254



255, 211, 196

Complementary

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



186, 215, 228



228, 186, 209

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, 206, 213



186, 215, 228



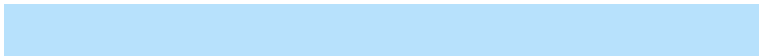
229, 212, 247

Square

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



186, 215, 228



183, 209, 252



247, 207, 232



245, 239, 184

Rectangle

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



186, 215, 228



170, 201, 236



247, 207, 232



255, 208, 201

Sweetspot

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



186, 215, 228



240, 250, 255



186, 228, 204



119, 125, 128



0, 0, 0



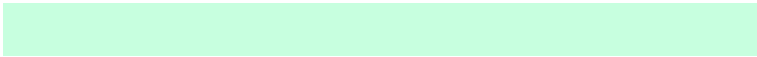
128, 128, 128

Same Dimension

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



186, 215, 228



199, 238, 255



186, 208, 228



103, 111, 115



0, 124, 179



0, 35, 51

Inverse Universe

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



228, 186, 209



255, 199, 230



228, 186, 189



115, 103, 110



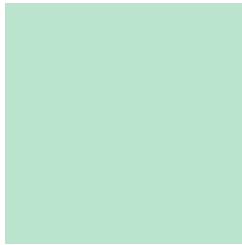
179, 0, 98



51, 0, 28

Previews

White Background



This preview shows how the RYB color 186, 215, 228 looks on a white background.

Color Contrast Check

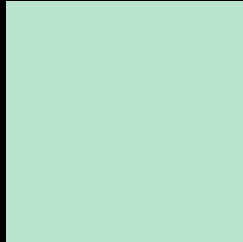
Large Text (above 18pt) WCAG AA × Fail

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, 215, 228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

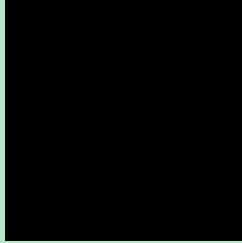
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

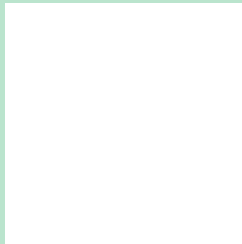
Any Text WCAG AAA ✓ Pass

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

RYB 186, 215, 228 Background



This preview shows how black text looks on a background with the RYB color 186, 215, 228.

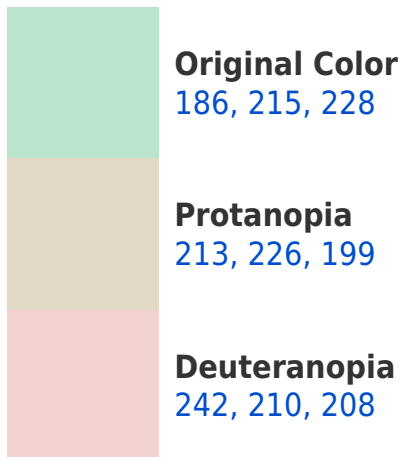


This preview shows how white text looks on a background with the RYB color 186, 215, 228.

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





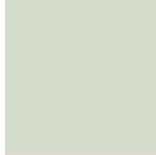
Tritanopia
192, 211, 241

Trichromacy



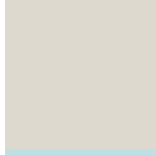
Original Color

186, 215, 228



Protanomaly

201, 221, 211



Deuteranomaly

215, 222, 207



Tritanomaly

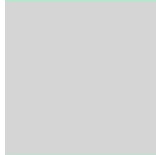
190, 208, 228

Monochromacy



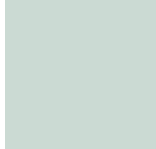
Original Color

186, 215, 228



Achromatopsia

213, 213, 213



Achromatomaly

203, 213, 218

CSS Examples

Text

The CSS property to change the color of the text to RYB 186, 215, 228 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, 228, 205)` looks like.

```
.text, #text, p{  
    color:rgb(186, 228, 205)  
}
```

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, 228, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 228, 205) }
```

Border

The CSS property to change the border of an element to RYB 186, 215, 228 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, 228, 205) }
```

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

```
.border{ border-color:rgb(186, 228, 205) }
```

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

Here you see how a box with a 4 pixel rgb(186, 228, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 228, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 228, 205);  
box-shadow:4px 4px 4px 4px rgb(186, 228,  
205) }
```

Background

The CSS property to change the background color of an element to RYB 186, 215, 228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 228, 205) }
```

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

```
.background{ background-color: rgb(186,  
228, 205) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor