

Converting Colors

`RYB(181, 222, 186)`

Have a look what the booklet for RYB(181, 222, 186) contains.

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Color

R_YB(181, 222, 186)

Conversions

Conversions Part 1

Format	Color
Hex	D9DEB5
RGB	217, 222, 181
RGB Percent	85%, 87%, 71%
CMY	0.1490, 0.1294, 0.2902
CMYK	0.02, 0.00, 0.18, 0.13
HSL	67°, 38%, 79%
HSV	67°, 18%, 87%
XYZ	63.0770, 70.3305, 53.9667
YIQ	215.8310, 10.1810, -13.8110

Conversions

Conversions Part 2

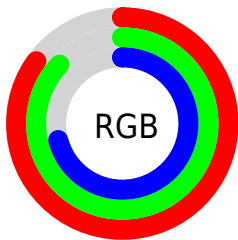
Format	Color
RYB	181, 222, 186
Decimal	14278325
CIELab	87.16, -8.52, 19.58
CIELCh	87, 21.356, 113.516
Yxy	70.3305, 0.3366, 0.3753
Android (android.graphics.Color)	4292468405 (0xFFD9DEB5)
YUV	215.8310, -17.1717, 1.0252
Hunter-Lab	83.8633, -12.5034, 20.5507

Details

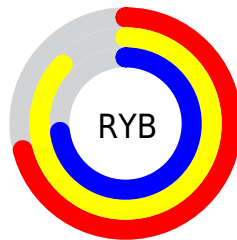
The RYB color **181, 222, 186** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **186, 181, 222**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is **237, 255, 237**, and **128, 167, 133** is the 20% darker color. If you saturate the color by 10%, you get **159, 222, 167**, and if you desaturate by 10%, it is **203, 222, 205**.

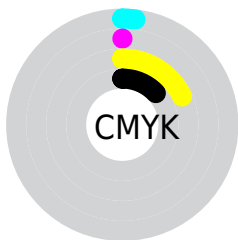
Distribution



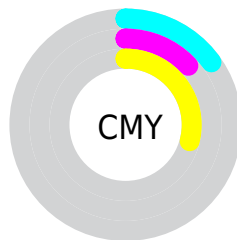
- Red (85%)
- Green (87%)
- Blue (71%)



- Red (71%)
- Yellow (87%)
- Blue (73%)



- Cyan (2%)
- Magenta (0%)
- Yellow (18%)
- Black (13%)



- Cyan (15%)
- Magenta (13%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 181, 222, 186 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 181, 222, 186 by changing the saturation by 10% instead.

 181, 222, 186

255, 255, 255

 237, 255, 237

 181, 222, 186

 154, 194, 159

 128, 167, 133

 103, 141, 109

 79, 115, 84

 55, 91, 61

 33, 67, 38

 12, 45, 18

 0, 25, 8

 0, 0, 0

 181, 222, 186

 181, 222, 186

 159, 222, 167

 203, 222, 205

 137, 222, 147

 222, 222, 225

 114, 222, 127

 225, 222, 248

 92, 222, 108

 228, 222, 255

 70, 222, 89

 231, 222, 255

 48, 222, 69

 233, 222, 255

 26, 222, 50

 236, 222, 255

 3, 222, 30

 239, 222, 255

 0, 222, 27

 241, 222, 255

Harmonies

Analogous

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



218, 239, 178



181, 222, 186



194, 227, 227

Triad

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



181, 222, 186



170, 203, 250



255, 205, 224

Complementary

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



181, 222, 186



186, 181, 222

Split Complementary

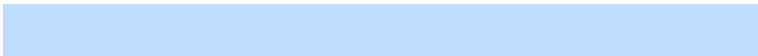
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



241, 208, 243



181, 222, 186



190, 211, 255

Square

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



181, 222, 186



164, 198, 234



216, 215, 255



255, 205, 203

Rectangle

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



181, 222, 186



180, 212, 229



216, 215, 255



252, 205, 230

Sweetspot

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



181, 222, 186



240, 255, 242



222, 187, 181



119, 128, 121



0, 0, 0



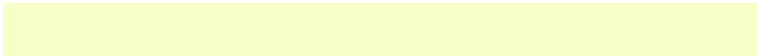
128, 128, 128

Same Dimension

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



181, 222, 186



199, 255, 206



181, 222, 206



101, 112, 102



0, 176, 22



0, 48, 5

Inverse Universe

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



186, 181, 222



206, 199, 255



206, 181, 222



102, 101, 112



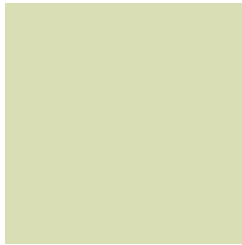
21, 0, 176



6, 0, 48

Previews

White Background



This preview shows how the RYB color 181, 222, 186 looks on a white background.

Color Contrast Check

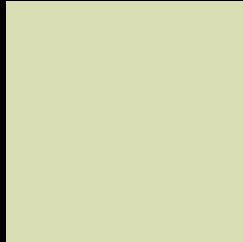
Large Text (above 18pt) WCAG AA × Fail

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 181, 222, 186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

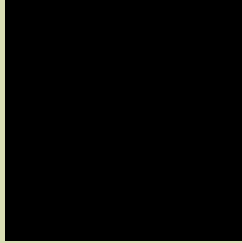
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

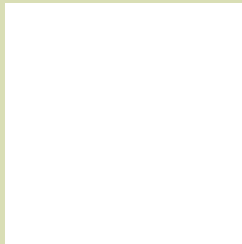
Any Text WCAG AAA ✓ Pass

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

RYB 181, 222, 186 Background



This preview shows how black text looks on a background with the RYB color 181, 222, 186.



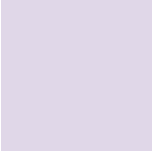
This preview shows how white text looks on a background with the RYB color 181, 222, 186.

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](#).

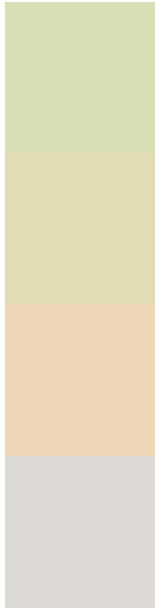
Dichromacy





Tritanopia
224, 215, 232

Trichromacy



Original Color

181, 222, 186

Protanomaly

188, 226, 180

Deuteranomaly

227, 239, 182

Tritanomaly

218, 221, 213

Monochromacy



Original Color

181, 222, 186

Achromatopsia

216, 216, 216

Achromatomaly

203, 218, 205

CSS Examples

Text

The CSS property to change the color of the text to RYB 181, 222, 186 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(217, 222, 181)` looks like.

```
.text, #text, p{  
    color:rgb(217, 222, 181)  
}
```

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(217, 222, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 222, 181) }
```

Border

The CSS property to change the border of an element to RYB 181, 222, 186 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(217, 222, 181) }
```

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

```
.border{ border-color:rgb(217, 222, 181) }
```

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

Here you see how a box with a 4 pixel rgb(217, 222, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 222, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 222, 181);  
box-shadow:4px 4px 4px 4px rgb(217, 222,  
181) }
```

Background

The CSS property to change the background color of an element to RYB 181, 222, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 222, 181) }
```

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

```
.background{ background-color: rgb(217,  
222, 181) }
```

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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