

Converting Colors

`RYB(179, 224, 182)`

Have a look what the booklet for
RYB(179, 224, 182) contains.

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Color

R_YB(179, 224, 182)

Conversions

Conversions Part 1

Format	Color
Hex	DDE0B3
RGB	221, 224, 179
RGB Percent	87%, 88%, 70%
CMY	0.1333, 0.1216, 0.2980
CMYK	0.01, 0.00, 0.20, 0.12
HSL	64°, 42%, 79%
HSV	64°, 20%, 88%
XYZ	64.6111, 71.9381, 53.1279
YIQ	217.9730, 12.6570, -14.6310

Conversions

Conversions Part 2

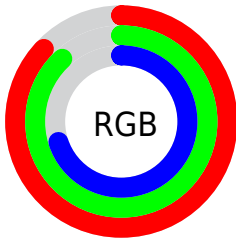
Format	Color
R_{YB}	179, 224, 182
Decimal	14540979
CIE _{Lab}	87.94, -8.38, 21.75
CIE _{LCh}	88, 23.309, 111.061
Yxy	71.9381, 0.3406, 0.3793
Android (android.graphics.Color)	4292731059 (0xFFDDE0B3)
YUV	217.9730, -19.2137, 2.6547
Hunter-Lab	84.8164, -12.4515, 22.2329

Details

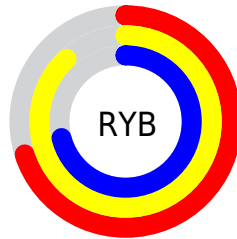
The RYB color **179, 224, 182** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **182, 179, 224**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is **235, 255, 235**, and **126, 169, 129** is the 20% darker color. If you saturate the color by 10%, you get **157, 224, 161**, and if you desaturate by 10%, it is **201, 224, 203**.

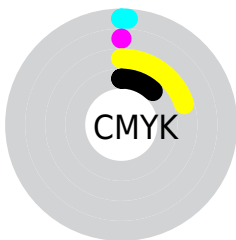
Distribution



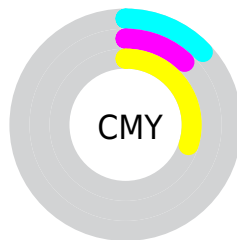
- Red (87%)
- Green (88%)
- Blue (70%)



- Red (70%)
- Yellow (88%)
- Blue (71%)



- Cyan (1%)
- Magenta (0%)
- Yellow (20%)
- Black (12%)



- Cyan (13%)
- Magenta (12%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RYB color 179, 224, 182 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 179, 224, 182 by changing the saturation by 10% instead.

 179, 224, 182


255, 255, 255

 235, 255, 235

 179, 224, 182

 152, 196, 155

 126, 169, 129


 101, 142, 104

 77, 117, 81

 54, 92, 58

 32, 69, 37

 9, 47, 14


 0, 26, 6

 0, 0, 0

 179, 224, 182

 179, 224, 182

 157, 224, 161

 201, 224, 203

 134, 224, 140

 224, 224, 224

 112, 224, 119

 225, 224, 246

 89, 224, 98

 227, 224, 255

 67, 224, 77

 228, 224, 255

 45, 224, 57

 230, 224, 255

 22, 224, 35

 231, 224, 255

 0, 224, 15

 233, 224, 255

 234, 224, 255

Harmonies

Analogous

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



222, 244, 177



179, 224, 182



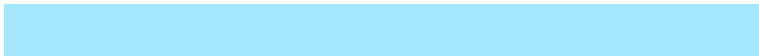
192, 230, 226

Triad

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



179, 224, 182



165, 203, 254



255, 206, 228

Complementary

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



179, 224, 182



182, 179, 224

Split Complementary

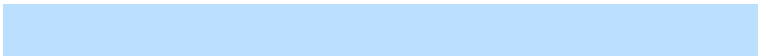
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



243, 210, 249



179, 224, 182



187, 211, 255

Square

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



179, 224, 182



161, 198, 236



216, 217, 255



255, 205, 206

Rectangle

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



179, 224, 182



180, 215, 232



216, 217, 255



255, 207, 235

Sweetspot

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



179, 224, 182



240, 255, 241



224, 182, 179



119, 128, 120



0, 0, 0



128, 128, 128

Same Dimension

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



179, 224, 182



194, 255, 198



179, 224, 204



101, 112, 102



0, 176, 12



0, 48, 3

Inverse Universe

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



182, 179, 224



198, 194, 255



204, 179, 224



102, 101, 112



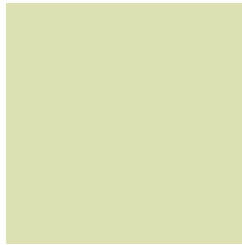
12, 0, 176



3, 0, 48

Previews

White Background



This preview shows how the RYB color 179, 224, 182 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 179, 224, 182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

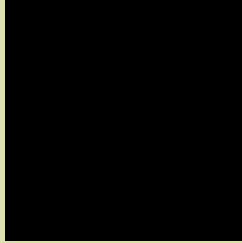
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

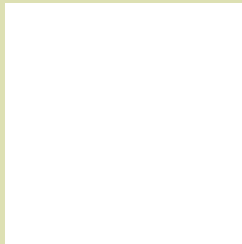
Any Text WCAG AAA ✓ Pass

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

RYP 179, 224, 182 Background



This preview shows how black text looks on a background with the RYP color 179, 224, 182.

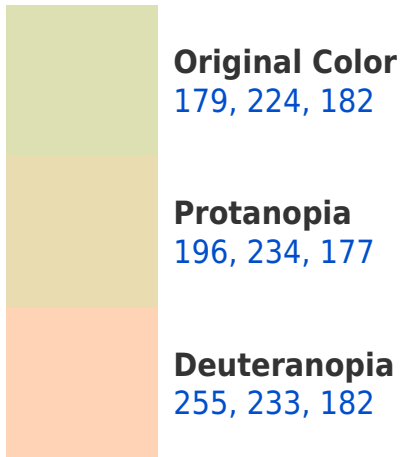


This preview shows how white text looks on a background with the RYP color 179, 224, 182.

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](#).

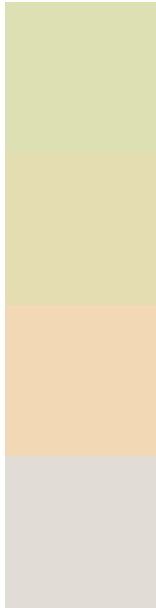
Dichromacy





Tritanopia
228, 217, 234

Trichromacy



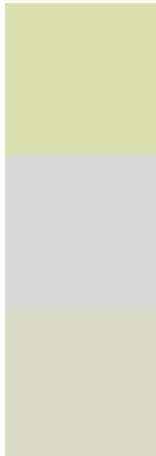
Original Color
179, 224, 182

Protanomaly
187, 229, 178

Deuteranomaly
229, 243, 181

Tritanomaly
223, 225, 214

Monochromacy



Original Color
179, 224, 182

Achromatopsia
218, 218, 218

Achromatomaly
204, 220, 205

CSS Examples

Text

The CSS property to change the color of the text to RYB 179, 224, 182 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(221, 224, 179)` looks like.

```
.text, #text, p{  
    color:rgb(221, 224, 179)  
}
```

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(221, 224, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 224, 179) }
```

Border

The CSS property to change the border of an element to RYB 179, 224, 182 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(221, 224, 179) }
```

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

```
.border{ border-color:rgb(221, 224, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 224, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 224, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 224, 179);  
box-shadow:4px 4px 4px 4px rgb(221, 224,  
179) }
```

Background

The CSS property to change the background color of an element to RYB 179, 224, 182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 224, 179) }
```

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

```
.background{ background-color: rgb(221,  
224, 179) }
```

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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