

Converting Colors

`RYB(178, 230, 197)`

Have a look what the booklet for
RYB(178, 230, 197) contains.

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Color

R_YB(178, 230, 197)

Conversions

Conversions Part 1

Format	Color
Hex	D3E6B2
RGB	211, 230, 178
RGB Percent	83%, 90%, 70%
CMY	0.1725, 0.0980, 0.3020
CMYK	0.08, 0.00, 0.23, 0.10
HSL	82°, 51%, 80%
HSV	82°, 23%, 90%
XYZ	63.1967, 73.6569, 53.0059
YIQ	218.3910, 5.3680, -20.2000

Conversions

Conversions Part 2

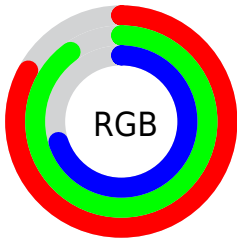
Format	Color
RYB	178, 230, 197
Decimal	13887154
CIELab	88.76, -15.15, 23.29
CIELCh	89, 27.782, 123.042
Yxy	73.6569, 0.3329, 0.3880
Android (android.graphics.Color)	4292077234 (0xFFD3E6B2)
YUV	218.3910, -19.9128, -6.4819
Hunter-Lab	85.8236, -18.7518, 23.4582

Details

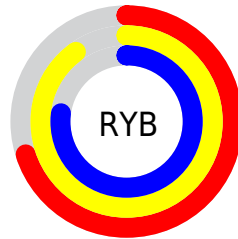
The RYB color **178, 230, 197** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **197, 178, 230**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is **234, 255, 234**, and **125, 174, 143** is the 20% darker color. If you saturate the color by 10%, you get **155, 230, 182**, and if you desaturate by 10%, it is **201, 230, 212**.

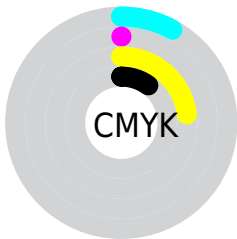
Distribution



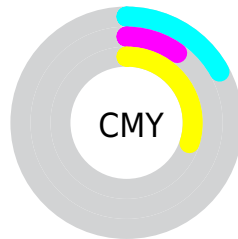
- Red (83%)
- Green (90%)
- Blue (70%)



- Red (70%)
- Yellow (90%)
- Blue (77%)



- Cyan (8%)
- Magenta (0%)
- Yellow (23%)
- Black (10%)



- Cyan (17%)
- Magenta (10%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RYB color 178, 230, 197 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 178, 230, 197 by changing the saturation by 10% instead.

 178, 230, 197


255, 255, 255

 234, 255, 234

 178, 230, 197


 151, 202, 170

 125, 174, 143


 100, 148, 118

 76, 122, 94

 52, 97, 69

 30, 73, 47

 7, 51, 24


 0, 30, 20

 0, 0, 0

 178, 230, 197

 178, 230, 197

 155, 230, 182

 201, 230, 212

 132, 230, 168

 224, 230, 226

 109, 230, 153

 236, 230, 247

 86, 230, 139

 245, 230, 255

 63, 230, 124

 253, 230, 255

 40, 230, 109

 255, 230, 255

 17, 230, 95

 0, 230, 84

Harmonies

Analogous

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



194, 240, 170



178, 230, 197



181, 223, 236

Triad

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



178, 230, 197



163, 202, 255



255, 204, 221

Complementary

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



178, 230, 197



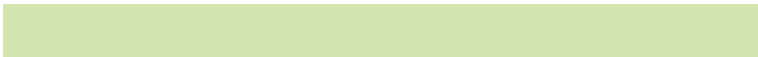
197, 178, 230

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, 207, 247



178, 230, 197



195, 215, 255

Square

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



178, 230, 197



148, 196, 251



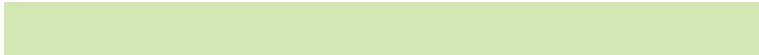
231, 215, 255



255, 208, 195

Rectangle

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



178, 230, 197



163, 207, 238



231, 215, 255



255, 204, 230

Sweetspot

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



178, 230, 197



237, 255, 244



230, 206, 178



117, 128, 121



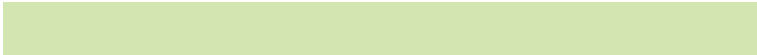
0, 0, 0



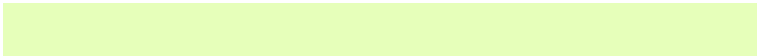
128, 128, 128

Same Dimension

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



178, 230, 197



186, 255, 211



178, 230, 222



103, 115, 107



0, 179, 66



0, 51, 19

Inverse Universe

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



197, 178, 230



211, 186, 255



222, 178, 230



107, 103, 115



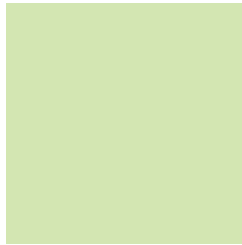
65, 0, 179



19, 0, 51

Previews

White Background



This preview shows how the RYB color 178, 230, 197 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 178, 230, 197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

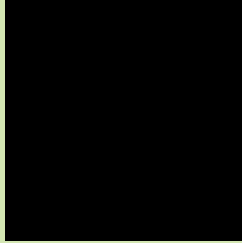
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

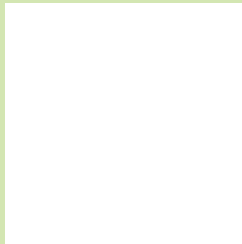
Any Text WCAG AAA ✓ Pass

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

RYB 178, 230, 197 Background



This preview shows how black text looks on a background with the RYB color 178, 230, 197.

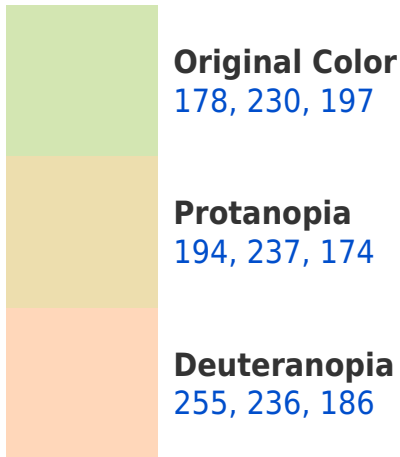


This preview shows how white text looks on a background with the RYB color 178, 230, 197.

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
220, 222, 239

Trichromacy



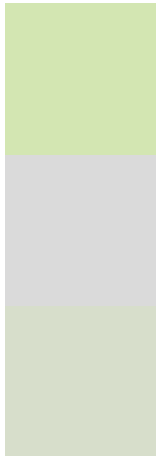
Original Color
178, 230, 197

Protanomaly
178, 228, 175

Deuteranomaly
212, 239, 183

Tritanomaly
217, 225, 225

Monochromacy



Original Color
178, 230, 197

Achromatopsia
218, 218, 218

Achromatomaly
203, 222, 210

CSS Examples

Text

The CSS property to change the color of the text to RYB 178, 230, 197 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(211, 230, 178)` looks like.

```
.text, #text, p{  
    color:rgb(211, 230, 178)  
}
```

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(211, 230, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 230, 178) }
```

Border

The CSS property to change the border of an element to RYB 178, 230, 197 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(211, 230, 178) }
```

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

```
.border{ border-color:rgb(211, 230, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 230, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 230, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 230, 178);  
box-shadow:4px 4px 4px 4px rgb(211, 230,  
178) }
```

Background

The CSS property to change the background color of an element to RYB 178, 230, 197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 230, 178) }
```

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

```
.background{ background-color: rgb(211,  
230, 178) }
```

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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