

Converting Colors

`RYB(178, 230, 188)`

Have a look what the booklet for
RYB(178, 230, 188) contains.

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Color

R_YB(178, 230, 188)

Conversions

Conversions Part 1

Format	Color
Hex	DCE6B2
RGB	220, 230, 178
RGB Percent	86%, 90%, 70%
CMY	0.1373, 0.0980, 0.3020
CMYK	0.04, 0.00, 0.23, 0.10
HSL	72°, 51%, 80%
HSV	72°, 23%, 90%
XYZ	65.8479, 75.0236, 53.1299
YIQ	221.0820, 10.7320, -18.2920

Conversions

Conversions Part 2

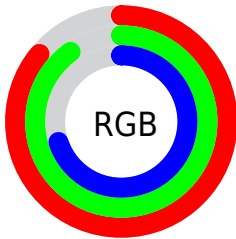
Format	Color
RYB	178, 230, 188
Decimal	14476978
CIELab	89.40, -11.90, 24.28
CIELCh	89, 27.038, 116.123
Yxy	75.0236, 0.3394, 0.3867
Android (android.graphics.Color)	4292667058 (0xFFDCE6B2)
YUV	221.0820, -21.2394, -0.9489
Hunter-Lab	86.6162, -15.8779, 24.2631

Details

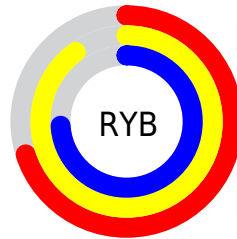
The RYB color **178, 230, 188** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **188, 178, 230**, and the grayscale version is **221, 221, 221**.

A 20% lighter version of the original color is **234, 255, 234**, and **125, 175, 135** is the 20% darker color. If you saturate the color by 10%, you get **155, 230, 169**, and if you desaturate by 10%, it is **201, 230, 207**.

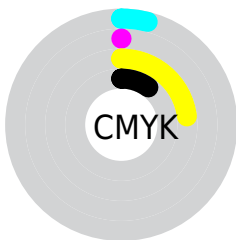
Distribution



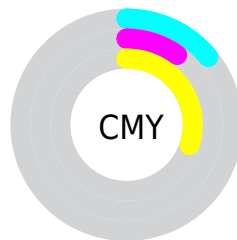
- Red (86%)
- Green (90%)
- Blue (70%)



- Red (70%)
- Yellow (90%)
- Blue (74%)



- Cyan (4%)
- Magenta (0%)
- Yellow (23%)
- Black (10%)



- Cyan (14%)
- Magenta (10%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RYB color 178, 230, 188 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, 188 by changing the saturation by 10% instead.

 178, 230, 188


255, 255, 255

 234, 255, 234

 178, 230, 188


 151, 202, 161

 125, 175, 135


 100, 148, 110

 76, 122, 86

 52, 97, 62

 30, 74, 41

 7, 51, 17


 0, 30, 11

 0, 0, 0

 178, 230, 188

 178, 230, 188

 155, 230, 169

 201, 230, 207

 132, 230, 151

 224, 230, 225

 109, 230, 132

 233, 230, 247

 86, 230, 114

 238, 230, 255


 63, 230, 95

 242, 230, 255

 40, 230, 77

 247, 230, 255

 17, 230, 58

 251, 230, 255

 0, 230, 44

 255, 230, 255

Harmonies

Analogous

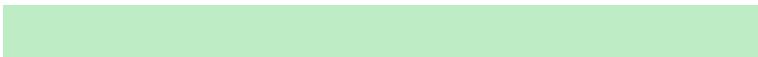
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



211, 247, 173



178, 230, 188



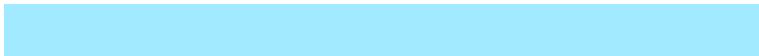
190, 231, 236

Triad

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



178, 230, 188



161, 202, 255



255, 207, 229

Complementary

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



178, 230, 188



188, 178, 230

Split Complementary

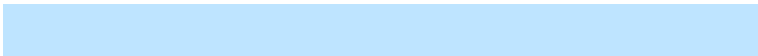
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 211, 254



178, 230, 188



190, 214, 255

Square

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



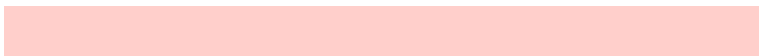
178, 230, 188



152, 197, 246



225, 219, 255



255, 207, 203

Rectangle

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



178, 230, 188



172, 214, 239



225, 219, 255



255, 207, 238

Sweetspot

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



178, 230, 188



237, 255, 240



230, 190, 178



117, 128, 119



0, 0, 0



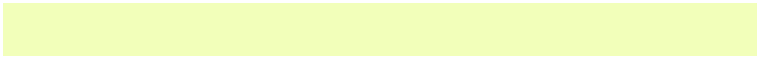
128, 128, 128

Same Dimension

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



178, 230, 188



186, 255, 199



178, 230, 214



103, 115, 105



0, 179, 35



0, 51, 10

Inverse Universe

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



188, 178, 230



199, 186, 255



214, 178, 230



105, 103, 115



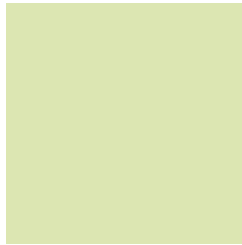
34, 0, 179



10, 0, 51

Previews

White Background



This preview shows how the RYB color 178, 230, 188 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, 188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

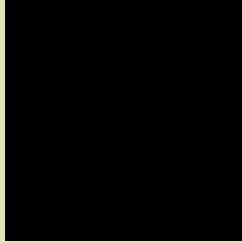
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

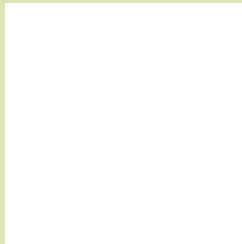
Any Text WCAG AAA ✓ Pass

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

RYB 178, 230, 188 Background



This preview shows how black text looks on a background with the RYB color 178, 230, 188.

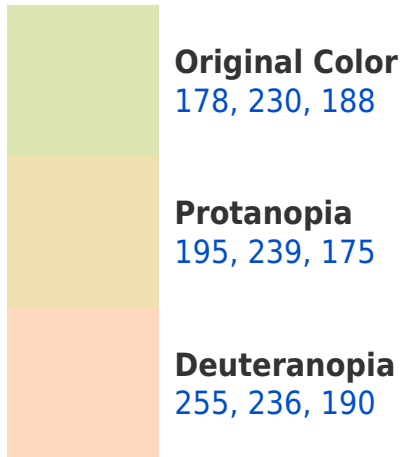


This preview shows how white text looks on a background with the RYB color 178, 230, 188.

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

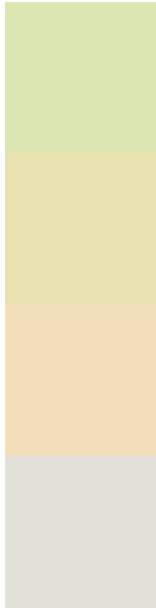




Tritanopia

228, 222, 239

Trichromacy



Original Color
178, 230, 188

Protanomaly
183, 232, 176

Deuteranomaly
217, 242, 186

Tritanomaly
217, 225, 217

Monochromacy



Original Color
178, 230, 188

Achromatopsia
221, 221, 221

Achromatomaly
205, 224, 208

CSS Examples

Text

The CSS property to change the color of the text to RYB 178, 230, 188 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(220, 230, 178)` looks like.

```
.text, #text, p{  
    color:rgb(220, 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(220, 230, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 230, 178) }
```

Border

The CSS property to change the border of an element to RYB 178, 230, 188 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(220, 230, 178) }
```

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

```
.border{ border-color:rgb(220, 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(220, 230, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 230, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 230, 178); box-shadow:4px 4px 4px 4px rgb(220, 230, 178) }
```

Background

The CSS property to change the background color of an element to RYB 178, 230, 188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 230, 178) }
```

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

```
.background{ background-color: rgb(220,  
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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