

Converting Colors

`RYB(178, 226, 184)`

Have a look what the booklet for
RYB(178, 226, 184) contains.

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Color

$\text{RYB}(178, 226, 184)$

Conversions

Conversions Part 1

Format	Color
Hex	DCE2B2
RGB	220, 226, 178
RGB Percent	86%, 89%, 70%
CMY	0.1373, 0.1137, 0.3020
CMYK	0.03, 0.00, 0.21, 0.11
HSL	67°, 45%, 79%
HSV	67°, 21%, 89%
XYZ	64.7474, 72.8227, 52.7631
YIQ	218.7340, 11.8320, -16.2000

Conversions

Conversions Part 2

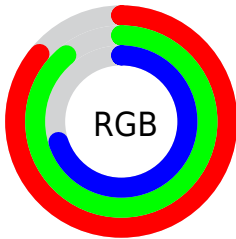
Format	Color
RYB	178, 226, 184
Decimal	14475954
CIELab	88.36, -9.90, 22.84
CIELCh	88, 24.896, 113.422
Yxy	72.8227, 0.3402, 0.3826
Android (android.graphics.Color)	4292666034 (0xFFDCE2B2)
YUV	218.7340, -20.0819, 1.1103
Hunter-Lab	85.3362, -13.9045, 23.0765

Details

The RYB color **178, 226, 184** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **184, 178, 226**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is **234, 255, 234**, and **125, 171, 131** is the 20% darker color. If you saturate the color by 10%, you get **155, 226, 164**, and if you desaturate by 10%, it is **201, 226, 204**.

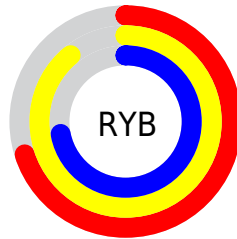
Distribution



Red (86%)

Green (89%)

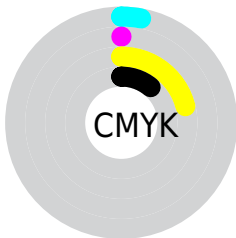
Blue (70%)



Red (70%)

Yellow (89%)

Blue (72%)

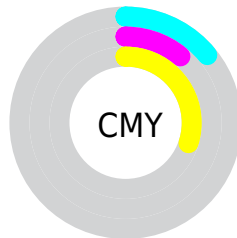


Cyan (3%)

Magenta (0%)

Yellow (21%)

Black (11%)



Cyan (14%)

Magenta (11%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RYB color 178, 226, 184 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, 226, 184 by changing the saturation by 10% instead.


 178, 226, 184

255, 255, 255

 234, 255, 234

 178, 226, 184

 151, 198, 157

 125, 171, 131


 100, 144, 106

 76, 119, 83

 53, 94, 60

 30, 70, 37

 8, 48, 15


 0, 27, 8

 0, 0, 0

 178, 226, 184

 178, 226, 184

 155, 226, 164

 201, 226, 204


 133, 226, 145

 223, 226, 223

 110, 226, 124

 228, 226, 246

 88, 226, 105

 231, 226, 255

 65, 226, 85

 234, 226, 255

 42, 226, 65

 237, 226, 255

 20, 226, 46

 240, 226, 255

 0, 226, 28

 243, 226, 255

 245, 226, 255

Harmonies

Analogous

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



219, 245, 175



178, 226, 184



193, 232, 232

Triad

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



178, 226, 184



163, 202, 255



255, 205, 228

Complementary

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



178, 226, 184



184, 178, 226

Split Complementary

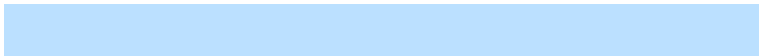
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



248, 210, 250



178, 226, 184



187, 211, 255

Square

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



178, 226, 184



156, 197, 240



219, 217, 255



255, 206, 204

Rectangle

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



178, 226, 184



176, 214, 234



219, 217, 255



255, 206, 236

Sweetspot

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



178, 226, 184



240, 255, 242



226, 185, 178



119, 128, 121



0, 0, 0



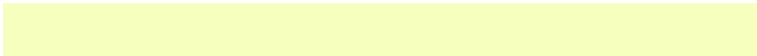
128, 128, 128

Same Dimension

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



178, 226, 184



191, 255, 199



178, 226, 208



101, 112, 102



0, 176, 22



0, 48, 6

Inverse Universe

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



184, 178, 226



199, 191, 255



208, 178, 226



102, 101, 112



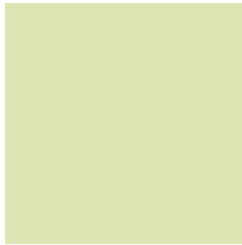
22, 0, 176



6, 0, 48

Previews

White Background



This preview shows how the RYB color 178, 226, 184 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, 226, 184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

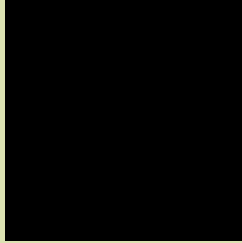
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

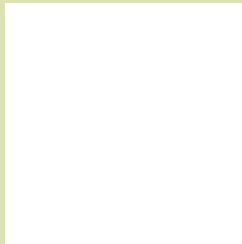
Any Text WCAG AAA ✓ Pass

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

RYB 178, 226, 184 Background



This preview shows how black text looks on a background with the RYB color 178, 226, 184.



This preview shows how white text looks on a background with the RYB color 178, 226, 184.

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

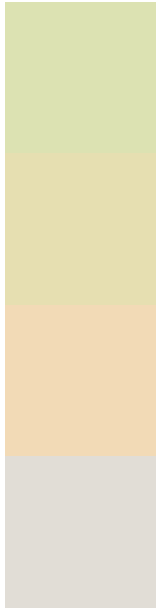




Tritanopia

228, 218, 235

Trichromacy



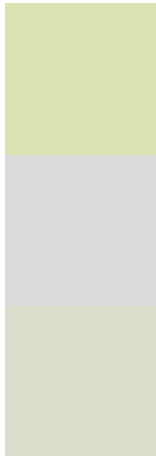
Original Color
178, 226, 184

Protanomaly
185, 230, 177

Deuteranomaly
222, 242, 182

Tritanomaly
220, 225, 214

Monochromacy



Original Color
178, 226, 184

Achromatopsia
219, 219, 219

Achromatomaly
204, 222, 207

CSS Examples

Text

The CSS property to change the color of the text to RYB 178, 226, 184 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, 226, 178)` looks like.

```
.text, #text, p{  
    color:rgb(220, 226, 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, 226, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 226, 178) }
```

Border

The CSS property to change the border of an element to RYB 178, 226, 184 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, 226, 178) }
```

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

```
.border{ border-color:rgb(220, 226, 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, 226, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 226, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 226, 178);  
box-shadow:4px 4px 4px 4px rgb(220, 226,  
178) }
```

Background

The CSS property to change the background color of an element to RYB 178, 226, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 226, 178) }
```

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

```
.background{ background-color: rgb(220,  
226, 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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