

# Converting Colors

`RYB(174, 222, 198)`

Have a look what the booklet for  
RYB(174, 222, 198) contains.

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# **Color**

**R<sub>Y</sub>B(174, 222, 198)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C6DEAE
RGB	198, 222, 174
RGB Percent	78%, 87%, 68%
CMY	0.2235, 0.1294, 0.3176
CMYK	0.11, 0.00, 0.22, 0.13
HSL	90°, 42%, 78%
HSV	90°, 22%, 87%
XYZ	57.0500, 67.3043, 50.0286
YIQ	209.3520, 1.1040, -20.0160

# Conversions

## Conversions Part 2

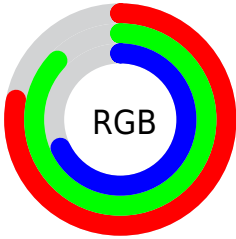
<b>Format</b>	<b>Color</b>
<b>RYB</b>	174, 222, 198
Decimal	13033134
CIELab	85.66, -16.41, 20.94
CIElCh	86, 26.604, 128.080
Yxy	67.3043, 0.3272, 0.3860
Android (android.graphics.Color)	4291223214 (0xFFC6DEAE)
YUV	209.3520, -17.4285, -9.9557
Hunter-Lab	82.0392, -19.4399, 21.2716

# Details

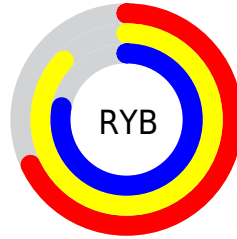
The RYB color **174, 222, 198** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **198, 174, 222**, and the grayscale version is **210, 210, 210**.

A 20% lighter version of the original color is **230, 255, 230**, and **121, 167, 144** is the 20% darker color. If you saturate the color by 10%, you get **152, 222, 187**, and if you desaturate by 10%, it is **196, 222, 209**.

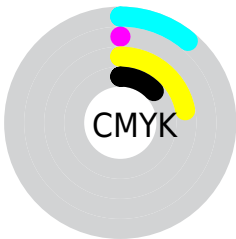
# Distribution



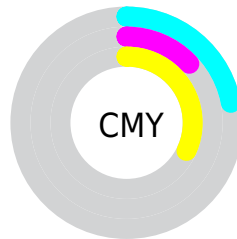
- Red (78%)
- Green (87%)
- Blue (68%)



- Red (68%)
- Yellow (87%)
- Blue (78%)



- Cyan (11%)
- Magenta (0%)
- Yellow (22%)
- Black (13%)



- Cyan (22%)
- Magenta (13%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 174, 222, 198 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 174, 222, 198 by changing the saturation by 10% instead.




 174, 222, 198


255, 255, 255

 230, 255, 230

 174, 222, 198

 147, 194, 170

 121, 167, 144

 96, 140, 118

 72, 115, 94

 49, 90, 70

 28, 67, 49

 3, 44, 23

 0, 25, 25

 0, 0, 0

 174, 222, 198

 174, 222, 198

 152, 222, 187

 196, 222, 209

 130, 222, 176

 218, 222, 220

 107, 222, 164

 231, 222, 241

 85, 222, 153

 242, 222, 255

 63, 222, 142

 254, 222, 255

 41, 222, 132

 255, 222, 255

 19, 222, 121

 0, 222, 111

# Harmonies

## Analogous

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



177, 226, 164



174, 222, 198



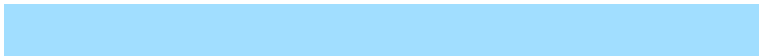
170, 210, 227

# Triad

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



174, 222, 198



161, 198, 255



255, 196, 208

# Complementary

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



174, 222, 198



198, 174, 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.



252, 198, 233



174, 222, 198



193, 209, 255

# Square

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



174, 222, 198



144, 189, 244



227, 205, 254



255, 203, 184

# Rectangle

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



174, 222, 198



154, 195, 228



227, 205, 254



255, 196, 217

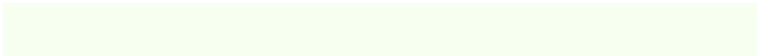


# Sweetspot

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



174, 222, 198



240, 255, 248



222, 222, 174



119, 128, 124



0, 0, 0



128, 128, 128

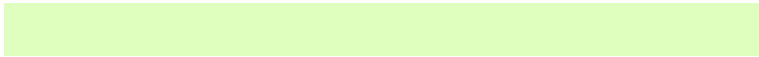


# Same Dimension

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



174, 222, 198



189, 255, 222



174, 222, 222



101, 112, 106



0, 176, 88



0, 48, 24



# Inverse Universe

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



198, 174, 222



222, 189, 255



222, 174, 222



107, 101, 112



88, 0, 176

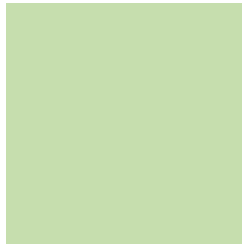


24, 0, 48



# Previews

## White Background



This preview shows how the RYB color 174, 222, 198 looks on a white background.

## Color Contrast Check

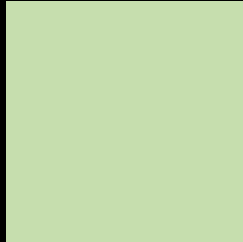
Large Text (above 18pt) WCAG AA × Fail

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 174, 222, 198 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

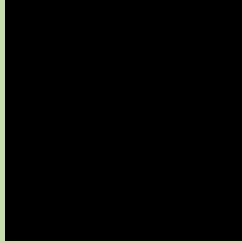
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

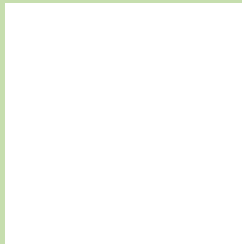
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RYB 174, 222, 198 Background



This preview shows how black text looks on a background with the RYB color 174, 222, 198.



This preview shows how white text looks on a background with the RYB color 174, 222, 198.

# 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](#).

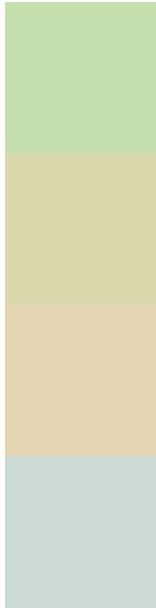
## Dichromacy





**Tritanopia**  
207, 212, 231

# Trichromacy



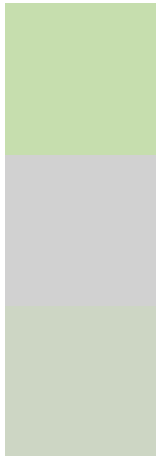
**Original Color**  
174, 222, 198

**Protanomaly**  
171, 216, 171

**Deuteranomaly**  
201, 229, 176

**Tritanomaly**  
204, 213, 217

# Monochromacy



**Original Color**  
174, 222, 198

**Achromatopsia**  
209, 209, 209

**Achromatomaly**  
196, 214, 205

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 174, 222, 198 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(198, 222, 174)` looks like.

```
.text, #text, p{  
    color:rgb(198, 222, 174)  
}
```

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(198, 222, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 222, 174) }
```

## Border

The CSS property to change the border of an element to RYB 174, 222, 198 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(198, 222, 174) }
```

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

```
.border{ border-color:rgb(198, 222, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 222, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 222, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 222, 174);  
box-shadow:4px 4px 4px 4px rgb(198, 222,  
174) }
```

# Background

The CSS property to change the background color of an element to RYB 174, 222, 198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 222, 174) }
```

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

```
.background{ background-color: rgb(198,  
222, 174) }
```

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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