

Converting Colors

`RYB(174, 221, 198)`

Have a look what the booklet for
RYB(174, 221, 198) contains.

RYB(174, 221, 198)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(174, 221, 198)

Conversions

Conversions Part 1

Format	Color
Hex	C5DDAE
RGB	197, 221, 174
RGB Percent	77%, 87%, 68%
CMY	0.2275, 0.1333, 0.3176
CMYK	0.11, 0.00, 0.21, 0.13
HSL	91°, 41%, 77%
HSV	91°, 21%, 87%
XYZ	56.5224, 66.6392, 49.9280
YIQ	208.4660, 0.7830, -19.7050

Conversions

Conversions Part 2

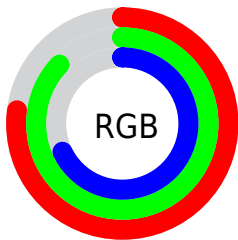
Format	Color
RYB	174, 221, 198
Decimal	12967342
CIELab	85.32, -16.26, 20.47
CIElCh	85, 26.142, 128.474
Yxy	66.6392, 0.3265, 0.3850
Android (android.graphics.Color)	4291157422 (0xFFC5DDAE)
YUV	208.4660, -16.9917, -10.0557
Hunter-Lab	81.6328, -19.2645, 20.8802

Details

The RYB color **174, 221, 198** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **198, 174, 221**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is **230, 255, 231**, and **121, 166, 144** is the 20% darker color. If you saturate the color by 10%, you get **152, 221, 187**, and if you desaturate by 10%, it is **196, 221, 209**.

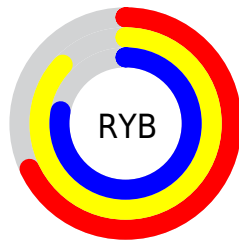
Distribution



Red (77%)

Green (87%)

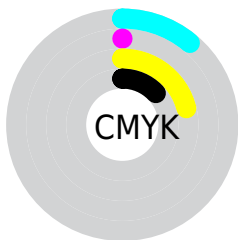
Blue (68%)



Red (68%)

Yellow (87%)

Blue (78%)

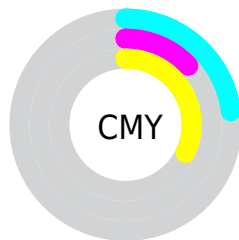


Cyan (11%)

Magenta (0%)

Yellow (21%)

Black (13%)



Cyan (23%)

Magenta (13%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 174, 221, 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, 221, 198 by changing the saturation by 10% instead.


 174, 221, 198


255, 255, 255

 230, 255, 231

 174, 221, 198

 147, 193, 170

 121, 166, 144

 96, 140, 119

 72, 114, 94

 49, 89, 70

 28, 66, 49

 4, 44, 24

 0, 25, 25

 0, 0, 0

 174, 221, 198

 174, 221, 198

 152, 221, 187

 196, 221, 209

 130, 221, 177

 218, 221, 219

 108, 221, 166

 231, 221, 240

 86, 221, 155

 242, 221, 255

 64, 221, 144

 253, 221, 255

 41, 221, 133

 255, 221, 255

 19, 221, 122

 0, 221, 113

Harmonies

Analogous

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



177, 225, 164



174, 221, 198



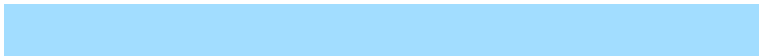
169, 209, 226

Triad

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



174, 221, 198



162, 198, 255



255, 196, 207

Complementary

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



174, 221, 198



198, 174, 221

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.



251, 198, 232



174, 221, 198



193, 208, 255

Square

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



174, 221, 198



144, 189, 243



226, 205, 252



255, 203, 184

Rectangle

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



174, 221, 198



154, 195, 227



226, 205, 252



255, 196, 215

Sweetspot

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



174, 221, 198



240, 255, 248



219, 221, 174



119, 128, 124



0, 0, 0



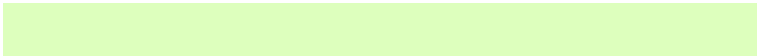
128, 128, 128

Same Dimension

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



174, 221, 198



189, 255, 223



174, 221, 221



99, 110, 105



0, 173, 88



0, 46, 24

Inverse Universe

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



198, 174, 221



223, 189, 255



221, 174, 221



104, 99, 110



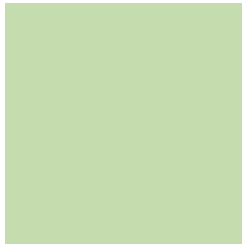
89, 0, 173



23, 0, 46

Previews

White Background



This preview shows how the RYB color 174, 221, 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, 221, 198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

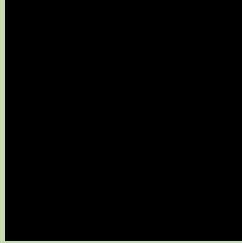
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

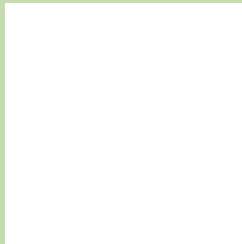
Any Text WCAG AAA ✓ Pass

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

R/Y/B 174, 221, 198 Background



This preview shows how black text looks on a background with the R/Y/B color 174, 221, 198.



This preview shows how white text looks on a background with the R/Y/B color 174, 221, 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](#).

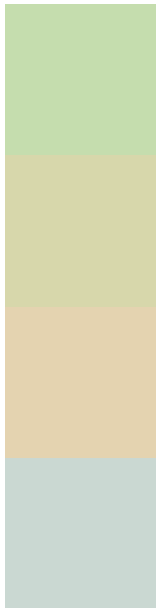
Dichromacy





Tritanopia
205, 211, 230

Trichromacy



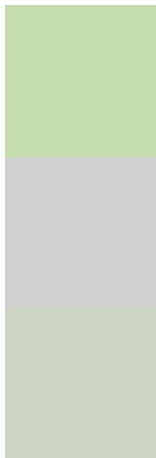
Original Color
174, 221, 198

Protanomaly
171, 215, 171

Deuteranomaly
201, 228, 176

Tritanomaly
202, 211, 216

Monochromacy



Original Color
174, 221, 198

Achromatopsia
208, 208, 208

Achromatomaly
196, 213, 205

CSS Examples

Text

The CSS property to change the color of the text to RGB 174, 221, 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(197, 221, 174)` looks like.

```
.text, #text, p{  
    color:rgb(197, 221, 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(197, 221, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 221, 174) }
```

Border

The CSS property to change the border of an element to RYB 174, 221, 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(197, 221, 174) }
```

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

```
.border{ border-color:rgb(197, 221, 174) }
```

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

Here you see how a box with a 4 pixel rgb(197, 221, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 221, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 221, 174);  
box-shadow:4px 4px 4px 4px rgb(197, 221,  
174) }
```

Background

The CSS property to change the background color of an element to RYB 174, 221, 198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 221, 174) }
```

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

```
.background{ background-color: rgb(197,  
221, 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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