

Converting Colors

`RYB(175, 224, 197)`

Have a look what the booklet for
RYB(175, 224, 197) contains.

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Color

R_YB(175, 224, 197)

Conversions

Conversions Part 1

Format	Color
Hex	CAE0AF
RGB	202, 224, 175
RGB Percent	79%, 88%, 69%
CMY	0.2078, 0.1216, 0.3137
CMYK	0.10, 0.00, 0.22, 0.12
HSL	87°, 44%, 78%
HSV	87°, 22%, 88%
XYZ	58.7506, 68.9630, 50.7721
YIQ	211.8360, 2.6170, -19.9030

Conversions

Conversions Part 2

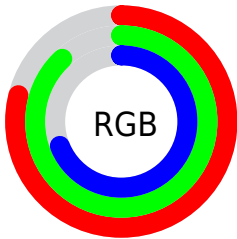
Format	Color
RYB	175, 224, 197
Decimal	13295791
CIELab	86.49, -15.83, 21.61
CIELCh	86, 26.786, 126.223
Yxy	68.9630, 0.3292, 0.3864
Android (android.graphics.Color)	4291485871 (0xFFCAE0AF)
YUV	211.8360, -18.1601, -8.6262
Hunter-Lab	83.0440, -19.0446, 21.8815

Details

The RYB color **175, 224, 197** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **197, 175, 224**, and the grayscale version is **212, 212, 212**.

A 20% lighter version of the original color is **231, 255, 231**, and **122, 169, 143** is the 20% darker color. If you saturate the color by 10%, you get **153, 224, 185**, and if you desaturate by 10%, it is **197, 224, 209**.

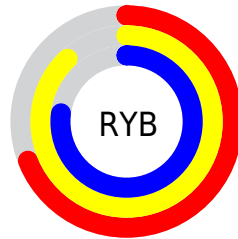
Distribution



Red (79%)

Green (88%)

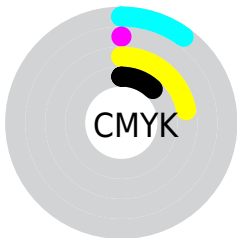
Blue (69%)



Red (69%)

Yellow (88%)

Blue (77%)

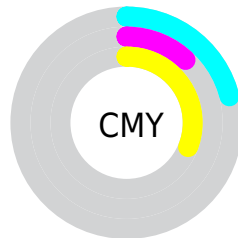


Cyan (10%)

Magenta (0%)

Yellow (22%)

Black (12%)



Cyan (21%)

Magenta (12%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 175, 224, 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 175, 224, 197 by changing the saturation by 10% instead.

 175, 224, 197


255, 255, 255

 231, 255, 231

 175, 224, 197

 148, 196, 170

 122, 169, 143

 97, 142, 117

 73, 117, 94

 50, 92, 70

 28, 68, 47

 5, 46, 24

 0, 26, 26

 0, 0, 0

■ 175, 224, 197

■ 175, 224, 197

■ 153, 224, 185

■ 197, 224, 209

■ 130, 224, 172

■ 220, 224, 222

■ 108, 224, 160

■ 232, 224, 242

■ 85, 224, 147

■ 242, 224, 255

■ 63, 224, 135

■ 252, 224, 255

■ 41, 224, 123

■ 255, 224, 255

■ 18, 224, 110

■ 0, 224, 101

Harmonies

Analogous

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



184, 230, 166



175, 224, 197



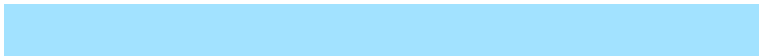
173, 213, 229

Triad

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



175, 224, 197



162, 200, 255



255, 198, 212

Complementary

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



175, 224, 197



197, 175, 224

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.



254, 201, 237



175, 224, 197



193, 210, 255

Square

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



175, 224, 197



145, 191, 246



227, 208, 255



255, 204, 188

Rectangle

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



175, 224, 197



157, 199, 231



227, 208, 255



255, 199, 221

Sweetspot

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



175, 224, 197



237, 255, 245



224, 212, 175



117, 128, 122



0, 0, 0



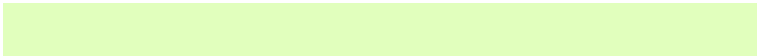
128, 128, 128

Same Dimension

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



175, 224, 197



189, 255, 219



175, 224, 221



101, 112, 106



0, 176, 79



0, 48, 21

Inverse Universe

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



197, 175, 224



218, 189, 255



221, 175, 224



106, 101, 112



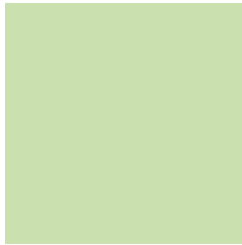
79, 0, 176



22, 0, 48

Previews

White Background



This preview shows how the RYB color 175, 224, 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 175, 224, 197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

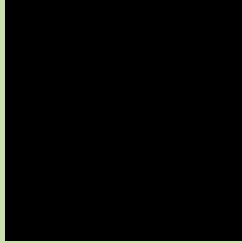
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

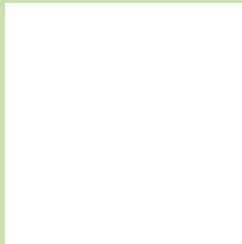
Any Text WCAG AAA ✓ Pass

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

RYB 175, 224, 197 Background



This preview shows how black text looks on a background with the RYB color 175, 224, 197.

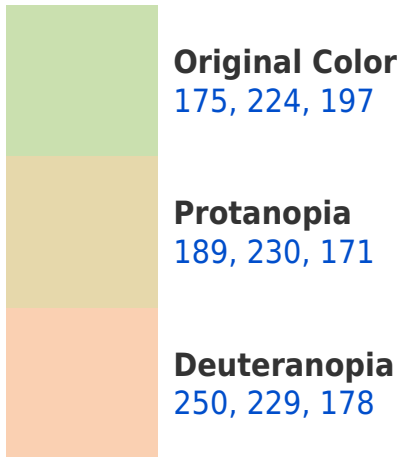


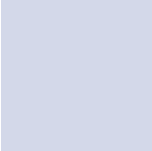
This preview shows how white text looks on a background with the RYB color 175, 224, 197.

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](#).

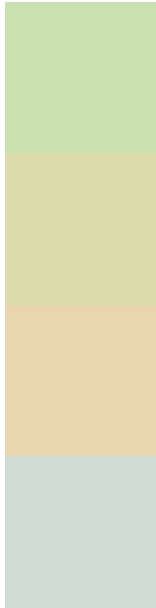
Dichromacy





Tritanopia
211, 215, 233

Trichromacy



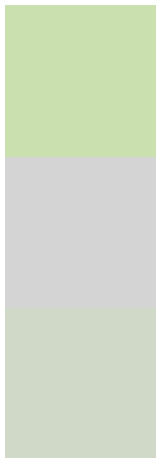
Original Color
175, 224, 197

Protanomaly
173, 220, 172

Deuteranomaly
206, 233, 177

Tritanomaly
208, 216, 219

Monochromacy



Original Color
175, 224, 197

Achromatopsia
212, 212, 212

Achromatomaly
199, 216, 207

CSS Examples

Text

The CSS property to change the color of the text to RGB 175, 224, 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(202, 224, 175) looks like.

```
.text, #text, p{  
    color:rgb(202, 224, 175)  
}
```

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(202, 224, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 224, 175) }
```

Border

The CSS property to change the border of an element to RYB 175, 224, 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(202, 224, 175) }
```

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

```
.border{ border-color:rgb(202, 224, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 224, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 224, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 224, 175);  
box-shadow:4px 4px 4px 4px rgb(202, 224,  
175) }
```

Background

The CSS property to change the background color of an element to RYB 175, 224, 197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 224, 175) }
```

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

```
.background{ background-color: rgb(202,  
224, 175) }
```

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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