

Converting Colors

`RYB(175, 205, 216)`

Have a look what the booklet for
RYB(175, 205, 216) contains.

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Color

R_YB(175, 205, 216)

Conversions

Conversions Part 1

Format	Color
Hex	AFD8BE
RGB	175, 216, 190
RGB Percent	69%, 85%, 75%
CMY	0.3137, 0.1529, 0.2548
CMYK	0.19, 0.00, 0.12, 0.15
HSL	142°, 34%, 77%
HSV	142°, 19%, 85%
XYZ	51.5330, 61.9449, 57.9748
YIQ	200.7770, -16.0900, -16.7780

Conversions

Conversions Part 2

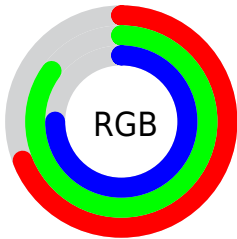
Format	Color
RYB	175, 205, 216
Decimal	11524286
CIELab	82.88, -18.51, 8.39
CIELCh	83, 20.325, 155.628
Yxy	61.9449, 0.3006, 0.3613
Android (android.graphics.Color)	4289714366 (0xFFAFD8BE)
YUV	200.7770, -5.3131, -22.6064
Hunter-Lab	78.7051, -20.8591, 11.4200

Details

The RYB color **175, 205, 216** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **216, 175, 201**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **231, 246, 255**, and **122, 150, 161** is the 20% darker color. If you saturate the color by 10%, you get **153, 199, 216**, and if you desaturate by 10%, it is **197, 211, 216**.

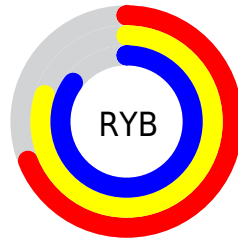
Distribution



Red (69%)

Green (85%)

Blue (75%)



Red (69%)

Yellow (80%)

Blue (85%)

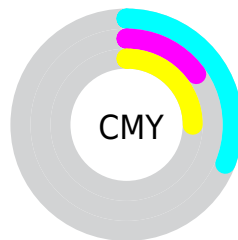


Cyan (19%)

Magenta (0%)

Yellow (12%)

Black (15%)



Cyan (31%)

Magenta (15%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 175, 205, 216 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, 205, 216 by changing the saturation by 10% instead.

 175, 205, 216


255, 255, 255

 231, 246, 255

 175, 205, 216

 148, 177, 188

 122, 150, 161


 97, 125, 135

 72, 98, 109

 49, 74, 85

 26, 50, 61


 3, 27, 39

 0, 18, 18


 0, 0, 0

 175, 205, 216


 175, 205, 216

 153, 199, 216


 197, 211, 216

 132, 193, 216


 218, 216, 217

 110, 187, 216


 240, 216, 231


 89, 182, 216


 255, 216, 245


 67, 176, 216

 255, 216, 255

 45, 170, 216

 24, 165, 216

 2, 158, 216

 0, 158, 216

Harmonies

Analogous

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



175, 212, 191



175, 205, 216



159, 191, 218

Triad

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



175, 205, 216



189, 203, 244



245, 197, 185

Complementary

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



175, 205, 216



216, 175, 201

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.



245, 193, 203



175, 205, 216



214, 200, 237

Square

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



175, 205, 216



167, 195, 241



235, 195, 223



235, 222, 172

Rectangle

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



175, 205, 216



155, 187, 222



235, 195, 223



246, 194, 191

Sweetspot

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



175, 205, 216



240, 251, 255



175, 216, 190



119, 126, 128



0, 0, 0



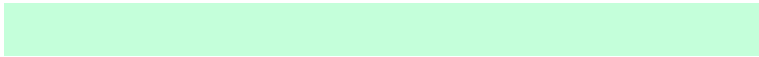
128, 128, 128

Same Dimension

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



175, 205, 216



196, 239, 255



175, 197, 216



96, 104, 107



0, 125, 171



0, 31, 43

Inverse Universe

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



216, 175, 201



255, 196, 233



216, 175, 180



107, 96, 103



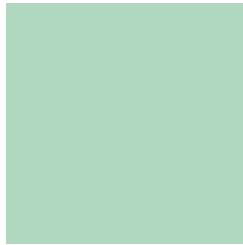
171, 0, 108



43, 0, 27

Previews

White Background



This preview shows how the RYB color 175, 205, 216 looks on a white background.

Color Contrast Check

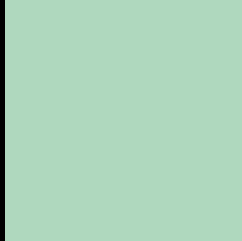
Large Text (above 18pt) WCAG AA × Fail

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, 205, 216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

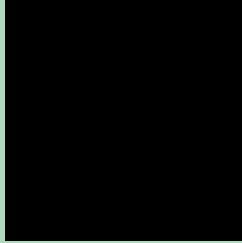
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

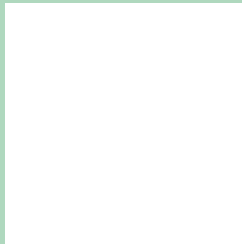
Any Text WCAG AAA ✓ Pass

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

RYB 175, 205, 216 Background



This preview shows how black text looks on a background with the RYB color 175, 205, 216.

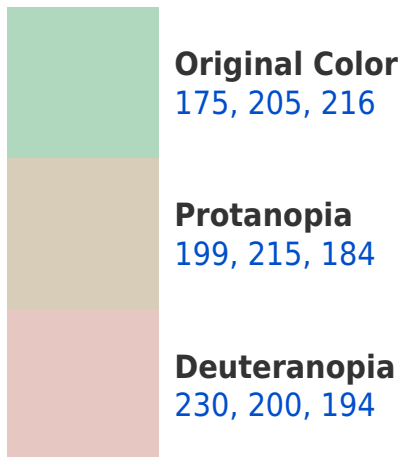


This preview shows how white text looks on a background with the RYB color 175, 205, 216.

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
182, 200, 227

Trichromacy



Original Color
175, 205, 216

Protanomaly
186, 209, 195

Deuteranomaly
200, 210, 193

Tritanomaly
179, 196, 214

Monochromacy



Original Color
175, 205, 216

Achromatopsia
201, 201, 201

Achromatomaly
192, 202, 206

CSS Examples

Text

The CSS property to change the color of the text to RYB 175, 205, 216 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(175, 216, 190)` looks like.

```
.text, #text, p{  
    color:rgb(175, 216, 190)  
}
```

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(175, 216, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 216, 190) }
```

Border

The CSS property to change the border of an element to RYB 175, 205, 216 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(175, 216, 190) }
```

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

```
.border{ border-color:rgb(175, 216, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 216, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 216, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 216, 190);  
box-shadow:4px 4px 4px 4px rgb(175, 216,  
190) }
```

Background

The CSS property to change the background color of an element to RYB 175, 205, 216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 216, 190) }
```

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

```
.background{ background-color: rgb(175,  
216, 190) }
```

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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