

Converting Colors

`RYB(171, 218, 211)`

Have a look what the booklet for
RYB(171, 218, 211) contains.

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Color

R_YB(171, 218, 211)

Conversions

Conversions Part 1

Format	Color
Hex	B2DAAB
RGB	178, 218, 171
RGB Percent	70%, 85%, 67%
CMY	0.3020, 0.1451, 0.3294
CMYK	0.18, 0.00, 0.22, 0.15
HSL	111°, 39%, 76%
HSV	111°, 22%, 85%
XYZ	50.7822, 62.5481, 47.9246
YIQ	200.6820, -8.7530, -23.0970

Conversions

Conversions Part 2

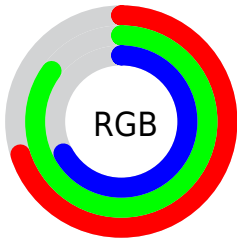
Format	Color
RYB	171, 218, 211
Decimal	11721387
CIELab	83.20, -21.88, 18.91
CIElCh	83, 28.919, 139.173
Yxy	62.5481, 0.3149, 0.3879
Android (android.graphics.Color)	4289911467 (0xFFB2DAAB)
YUV	200.6820, -14.6332, -19.8921
Hunter-Lab	79.0873, -23.7875, 19.4332

Details

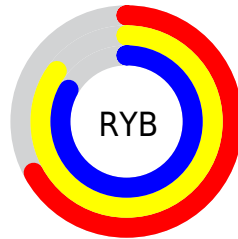
The RYB color **171, 218, 211** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **211, 171, 218**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **226, 255, 247**, and **119, 163, 157** is the 20% darker color. If you saturate the color by 10%, you get **149, 218, 208**, and if you desaturate by 10%, it is **193, 218, 214**.

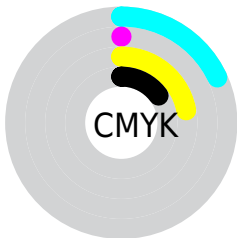
Distribution



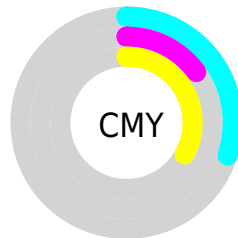
- Red (70%)
- Green (85%)
- Blue (67%)



- Red (67%)
- Yellow (85%)
- Blue (83%)



- Cyan (18%)
- Magenta (0%)
- Yellow (22%)
- Black (15%)



- Cyan (30%)
- Magenta (15%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 171, 218, 211 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 171, 218, 211 by changing the saturation by 10% instead.

■ 171, 218, 211

255, 255, 255

■ 226, 255, 247

■ 171, 218, 211

■ 144, 190, 183

■ 119, 163, 157

■ 94, 137, 132

■ 70, 111, 106

■ 47, 86, 82

■ 26, 63, 62

■ 0, 41, 35

■ 0, 19, 19

■ 0, 0, 0

 171, 218, 211

 171, 218, 211

 149, 218, 208

 193, 218, 214

 127, 218, 204

 215, 218, 218

 106, 218, 202

 234, 218, 236

 84, 218, 198

 252, 218, 255

 62, 218, 195

 255, 218, 255

 40, 218, 191

 18, 218, 188

 0, 218, 186

Harmonies

Analogous

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



156, 211, 158



171, 218, 211



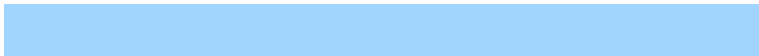
148, 193, 222

Triad

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



171, 218, 211



161, 194, 255



255, 188, 191

Complementary

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



171, 218, 211



211, 171, 218

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.



255, 188, 218



171, 218, 211



198, 203, 255

Square

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



171, 218, 211



133, 182, 247



233, 195, 243



255, 204, 167

Rectangle

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



171, 218, 211



134, 181, 223



233, 195, 243



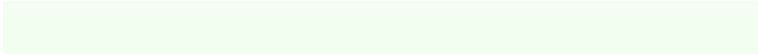
255, 188, 200

Sweetspot

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



171, 218, 211



240, 255, 253



179, 218, 171



119, 128, 127



0, 0, 0



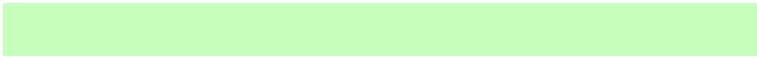
128, 128, 128

Same Dimension

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



171, 218, 211



189, 255, 245



171, 206, 218



99, 110, 109



0, 173, 147



0, 46, 39

Inverse Universe

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



211, 171, 218



245, 189, 255



218, 171, 202



108, 99, 110



148, 0, 173



39, 0, 46

Previews

White Background



This preview shows how the RYB color 171, 218, 211 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 171, 218, 211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

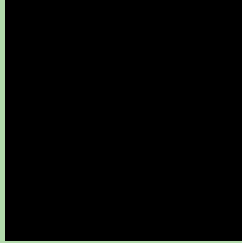
Any Text WCAG AA ✓ Pass

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 171, 218, 211 Background



This preview shows how black text looks on a background with the RYB color 171, 218, 211.

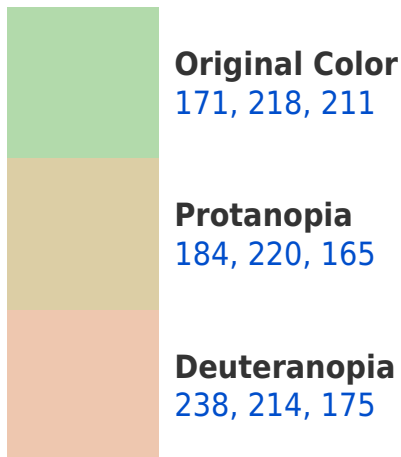


This preview shows how white text looks on a background with the RYB color 171, 218, 211.

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](#).

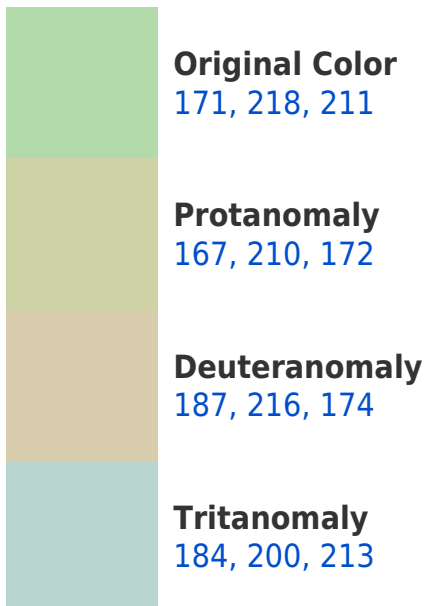
Dichromacy





Tritanopia
187, 202, 227

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 171, 218, 211 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(178, 218, 171)` looks like.

```
.text, #text, p{  
    color:rgb(178, 218, 171)  
}
```

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(178, 218, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 218, 171) }
```

Border

The CSS property to change the border of an element to RYB 171, 218, 211 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(178, 218, 171) }
```

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

```
.border{ border-color:rgb(178, 218, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 218, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 218, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 218, 171);  
box-shadow:4px 4px 4px 4px rgb(178, 218,  
171) }
```

Background

The CSS property to change the background color of an element to RYB 171, 218, 211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 218, 171) }
```

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

```
.background{ background-color: rgb(178,  
218, 171) }
```

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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