

Converting Colors

`RYB(173, 236, 236)`

Have a look what the booklet for
RYB(173, 236, 236) contains.

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Color

R_YB(173, 236, 236)

Conversions

Conversions Part 1

Format	Color
Hex	ADECAD
RGB	173, 236, 173
RGB Percent	68%, 93%, 68%
CMY	0.3216, 0.0745, 0.3216
CMYK	0.27, 0.00, 0.27, 0.07
HSL	120°, 62%, 80%
HSV	120°, 27%, 93%
XYZ	54.7719, 71.8923, 50.5250
YIQ	209.9810, -17.3250, -32.9490

Conversions

Conversions Part 2

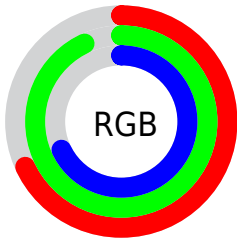
Format	Color
RYB	173, 236, 236
Decimal	11398317
CIELab	87.92, -31.84, 24.33
CIElCh	88, 40.068, 142.615
Yxy	71.8923, 0.3091, 0.4057
Android (android.graphics.Color)	4289588397 (0xFFADECAD)
YUV	209.9810, -18.2316, -32.4323
Hunter-Lab	84.7893, -33.0746, 24.0223

Details

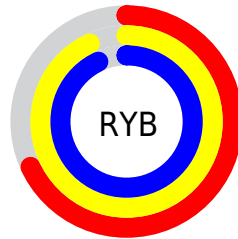
The RYB color **173, 236, 236** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **236, 173, 236**, and the grayscale version is **210, 210, 210**.

A 20% lighter version of the original color is **229, 255, 254**, and **119, 179, 180** is the 20% darker color. If you saturate the color by 10%, you get **149, 236, 236**, and if you desaturate by 10%, it is **197, 236, 236**.

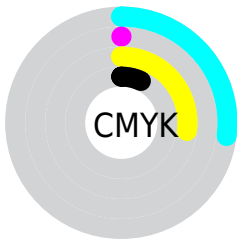
Distribution



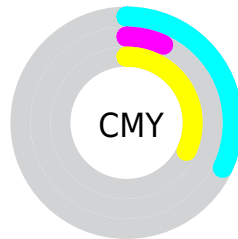
- Red (68%)
- Green (93%)
- Blue (68%)



- Red (68%)
- Yellow (93%)
- Blue (93%)



- Cyan (27%)
- Magenta (0%)
- Yellow (27%)
- Black (7%)



- Cyan (32%)
- Magenta (7%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 173, 236, 236 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 173, 236, 236 by changing the saturation by 10% instead.

 173, 236, 236


255, 255, 255


 229, 255, 254


 173, 236, 236

 146, 208, 208

 119, 179, 180

 93, 151, 153

 67, 123, 127

 41, 95, 101

 12, 65, 77

 0, 52, 53

 0, 34, 34

 0, 0, 0

 173, 236, 236

 173, 236, 236

 149, 236, 236

 197, 236, 236

 126, 236, 236

 220, 236, 236

 102, 236, 236

 244, 236, 244

 79, 236, 236

 255, 236, 255

 55, 236, 236

 31, 236, 236

 8, 236, 236

 0, 236, 236

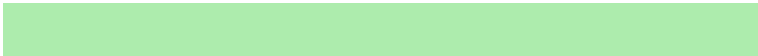
Harmonies

Analogous

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



149, 227, 159



173, 236, 236



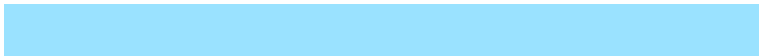
127, 193, 241

Triad

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



173, 236, 236



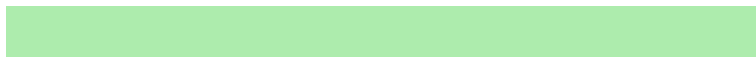
154, 196, 255



255, 193, 193

Complementary

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



173, 236, 236



236, 173, 236

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, 192, 232



173, 236, 236



212, 214, 255

Square

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



173, 236, 236



101, 173, 255



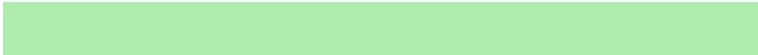
255, 201, 255



255, 234, 161

Rectangle

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



173, 236, 236



100, 172, 241



255, 201, 255



255, 192, 206

Sweetspot

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



173, 236, 236



235, 255, 255



173, 236, 173



115, 128, 128



0, 0, 0



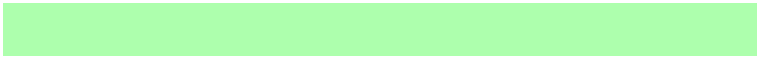
128, 128, 128

Same Dimension

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



173, 236, 236



173, 255, 255



173, 215, 236



106, 117, 117



0, 181, 181



0, 54, 54

Inverse Universe

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



236, 173, 236



255, 173, 255



236, 173, 204



117, 106, 117



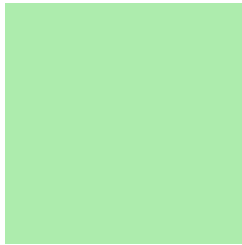
181, 0, 181



54, 0, 54

Previews

White Background



This preview shows how the RYB color 173, 236, 236 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 173, 236, 236 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 173, 236, 236 Background



This preview shows how black text looks on a background with the RYB color 173, 236, 236.

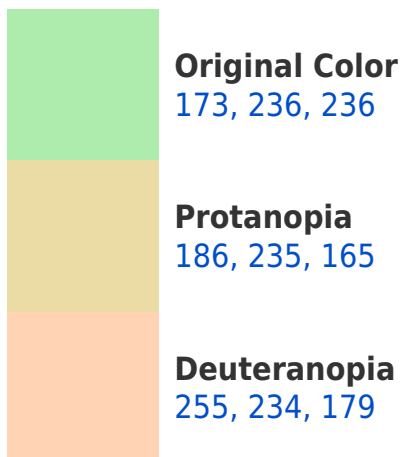


This preview shows how white text looks on a background with the RYB color 173, 236, 236.

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





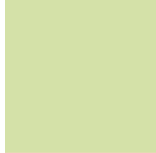
Tritanopia
186, 210, 245

Trichromacy



Original Color

173, 236, 236



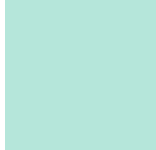
Protanomaly

168, 225, 181



Deuteranomaly

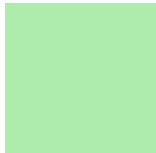
183, 225, 177



Tritanomaly

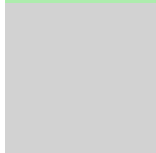
181, 209, 230

Monochromacy



Original Color

173, 236, 236



Achromatopsia

210, 210, 210



Achromatomaly

197, 219, 219

CSS Examples

Text

The CSS property to change the color of the text to RYB 173, 236, 236 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(173, 236, 173)` looks like.

```
.text, #text, p{  
    color:rgb(173, 236, 173)  
}
```

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(173, 236, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 236, 173) }
```

Border

The CSS property to change the border of an element to RYB 173, 236, 236 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(173, 236, 173) }
```

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

```
.border{ border-color:rgb(173, 236, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 236, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 236, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 236, 173);  
box-shadow:4px 4px 4px 4px rgb(173, 236,  
173) }
```

Background

The CSS property to change the background color of an element to RYB 173, 236, 236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 236, 173) }
```

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

```
.background{ background-color: rgb(173,  
236, 173) }
```

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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