

Converting Colors

`RYB(173, 208, 219)`

Have a look what the booklet for
RYB(173, 208, 219) contains.

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Color

$\text{RYB}(173, 208, 219)$

Conversions

Conversions Part 1

Format	Color
Hex	ADDBBB
RGB	173, 219, 187
RGB Percent	68%, 86%, 73%
CMY	0.3216, 0.1412, 0.2649
CMYK	0.21, 0.00, 0.14, 0.14
HSL	139°, 39%, 77%
HSV	139°, 21%, 86%
XYZ	51.5838, 63.1547, 56.7420
YIQ	201.5980, -17.1440, -19.7040

Conversions

Conversions Part 2

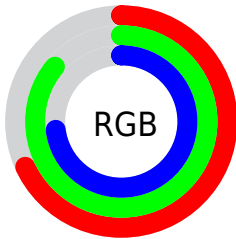
Format	Color
RYB	173, 208, 219
Decimal	11393979
CIELab	83.52, -21.14, 10.65
CIELCh	84, 23.667, 153.264
Yxy	63.1547, 0.3008, 0.3683
Android (android.graphics.Color)	4289584059 (0xFFADDBBB)
YUV	201.5980, -7.1968, -25.0804
Hunter-Lab	79.4700, -23.2085, 13.2955

Details

The RYB color **173, 208, 219** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **219, 173, 205**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **229, 246, 255**, and **120, 153, 164** is the 20% darker color. If you saturate the color by 10%, you get **151, 203, 219**, and if you desaturate by 10%, it is **195, 214, 219**.

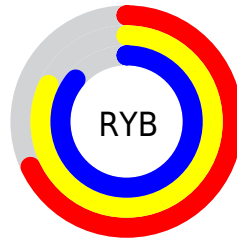
Distribution



Red (68%)

Green (86%)

Blue (73%)



Red (68%)

Yellow (82%)

Blue (86%)

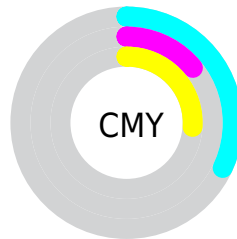


Cyan (21%)

Magenta (0%)

Yellow (14%)

Black (14%)



Cyan (32%)

Magenta (14%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RYB color 173, 208, 219 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, 208, 219 by changing the saturation by 10% instead.


 173, 208, 219


255, 255, 255


 229, 245, 255

 173, 208, 219

 146, 180, 191

 120, 153, 164

 94, 126, 137

 70, 101, 112

 46, 76, 87

 22, 52, 64

 0, 28, 41

 0, 21, 21

 0, 0, 0

 173, 208, 219


 173, 208, 219

 151, 203, 219


 195, 214, 219

 129, 198, 219


 217, 219, 219

 107, 192, 219


 239, 219, 233


 85, 187, 219

 255, 219, 248

 64, 182, 219

 255, 219, 255

 42, 177, 219

 20, 172, 219

 0, 167, 219

Harmonies

Analogous

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



171, 214, 187



173, 208, 219



153, 190, 221

Triad

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



173, 208, 219



185, 203, 252



253, 195, 185

Complementary

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



173, 208, 219



219, 173, 205

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.



253, 192, 206



173, 208, 219



215, 202, 245

Square

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



173, 208, 219



159, 194, 247



239, 195, 229



242, 223, 169

Rectangle

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



173, 208, 219



147, 185, 225



239, 195, 229



255, 193, 192

Sweetspot

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



173, 208, 219



240, 251, 255



173, 219, 187



119, 126, 128



0, 0, 0



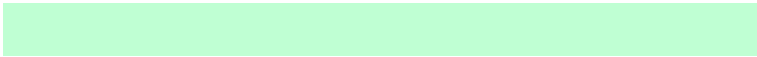
128, 128, 128

Same Dimension

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



173, 208, 219



191, 240, 255



173, 198, 219



99, 108, 110



0, 132, 173



0, 35, 46

Inverse Universe

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



219, 173, 205



255, 191, 235



219, 173, 182



110, 99, 106



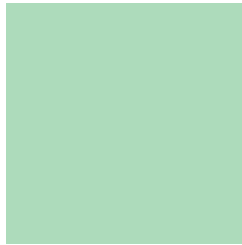
173, 0, 119



46, 0, 31

Previews

White Background



This preview shows how the RYB color 173, 208, 219 looks on a white background.

Color Contrast Check

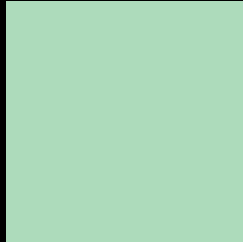
Large Text (above 18pt) WCAG AA × Fail

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, 208, 219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

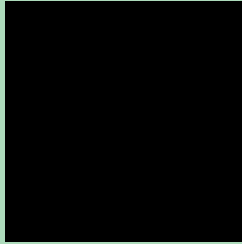
Any Text WCAG AA ✓ Pass

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, 208, 219 Background



This preview shows how black text looks on a background with the RYB color 173, 208, 219.

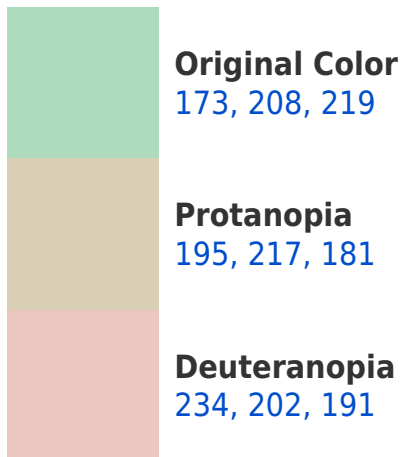


This preview shows how white text looks on a background with the RYB color 173, 208, 219.

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
181, 200, 230

Trichromacy



Original Color
173, 208, 219

Protanomaly
183, 211, 193

Deuteranomaly
196, 212, 190

Tritanomaly
178, 197, 215

Monochromacy



Original Color
173, 208, 219

Achromatopsia
202, 202, 202

Achromatomaly
191, 204, 208

CSS Examples

Text

The CSS property to change the color of the text to RYB 173, 208, 219 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, 219, 187)` looks like.

```
.text, #text, p{  
    color:rgb(173, 219, 187)  
}
```

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, 219, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 219, 187) }
```

Border

The CSS property to change the border of an element to RYB 173, 208, 219 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, 219, 187) }
```

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

```
.border{ border-color:rgb(173, 219, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 219, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 219, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 219, 187);  
box-shadow:4px 4px 4px 4px rgb(173, 219,  
187) }
```

Background

The CSS property to change the background color of an element to RYB 173, 208, 219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 219, 187) }
```

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

```
.background{ background-color: rgb(173,  
219, 187) }
```

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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