

Converting Colors

`RYB(173, 203, 229)`

Have a look what the booklet for
RYB(173, 203, 229) contains.

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Color

R_YB(173, 203, 229)

Conversions

Conversions Part 1

Format	Color
Hex	ADE5DE
RGB	173, 229, 222
RGB Percent	68%, 90%, 87%
CMY	0.3216, 0.1020, 0.1312
CMYK	0.24, 0.00, 0.03, 0.10
HSL	172°, 52%, 79%
HSV	172°, 24%, 90%
XYZ	58.3752, 70.1718, 79.2476
YIQ	211.4580, -31.1290, -14.0490

Conversions

Conversions Part 2

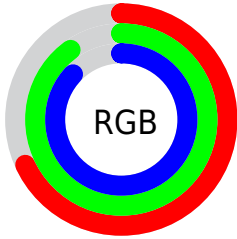
Format	Color
R _{YB}	173, 203, 229
Decimal	11396574
CIE Lab	87.08, -19.30, -2.18
CIE LCh	87, 19.426, 186.435
Yxy	70.1718, 0.2809, 0.3377
Android (android.graphics.Color)	4289586654 (0xFFADE5DE)
YUV	211.4580, 5.1972, -33.7277
Hunter-Lab	83.7686, -22.2050, 2.5479

Details

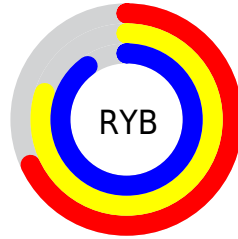
The RYB color **173, 203, 229** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **229, 173, 180**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **229, 242, 255**, and **119, 148, 173** is the 20% darker color. If you saturate the color by 10%, you get **150, 192, 229**, and if you desaturate by 10%, it is **196, 214, 229**.

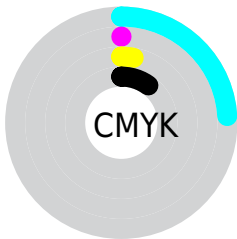
Distribution



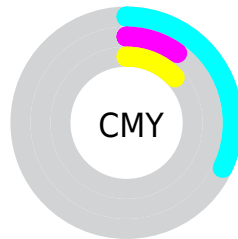
- Red (68%)
- Green (90%)
- Blue (87%)



- Red (68%)
- Yellow (80%)
- Blue (90%)



- Cyan (24%)
- Magenta (0%)
- Yellow (3%)
- Black (10%)



- Cyan (32%)
- Magenta (10%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 173, 203, 229 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, 203, 229 by changing the saturation by 10% instead.

 173, 203, 229


255, 255, 255

 229, 242, 255

 173, 203, 229

 146, 175, 201

 119, 148, 173


 93, 122, 147

 68, 96, 121

 42, 71, 96

 14, 44, 72


 0, 26, 49

 0, 16, 29

 0, 0, 0

 173, 203, 229


 173, 203, 229

 150, 192, 229


 196, 214, 229

 127, 182, 229


 219, 224, 229

 104, 171, 229


 242, 229, 231

 81, 160, 229


 255, 229, 234

 59, 150, 229

 255, 229, 237

 36, 139, 229

 255, 229, 240

 13, 129, 229

 255, 229, 243

 0, 123, 229

 255, 229, 246

 255, 229, 249

Harmonies

Analogous

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



188, 217, 228



173, 203, 229



170, 202, 239

Triad

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



173, 203, 229



227, 212, 248



246, 233, 185

Complementary

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



173, 203, 229



229, 173, 180

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, 209, 197



173, 203, 229



246, 207, 233

Square

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



173, 203, 229



203, 215, 254



255, 205, 215



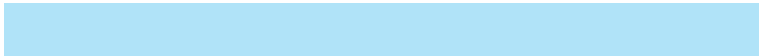
196, 229, 182

Rectangle

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



173, 203, 229



176, 206, 248



255, 205, 215



250, 222, 188

Sweetspot

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



173, 203, 229



237, 247, 255



173, 229, 222



117, 123, 128



0, 0, 0



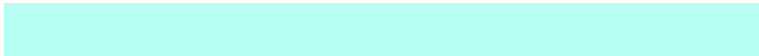
128, 128, 128

Same Dimension

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



173, 203, 229



181, 221, 255



173, 195, 229



103, 110, 115



0, 96, 179



0, 27, 51

Inverse Universe

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



229, 173, 180



255, 181, 191



229, 207, 173



115, 103, 105



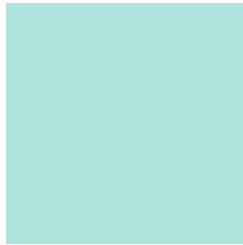
179, 0, 24



51, 0, 7

Previews

White Background



This preview shows how the RYB color 173, 203, 229 looks on a white background.

Color Contrast Check

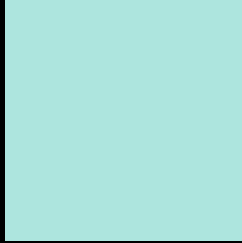
Large Text (above 18pt) WCAG AA × Fail

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, 203, 229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

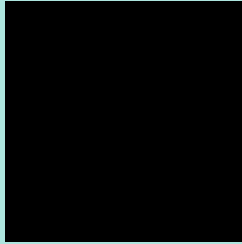
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

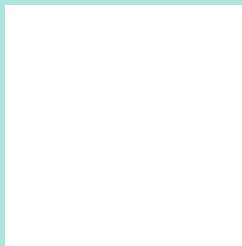
Any Text WCAG AAA ✓ Pass

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

RYB 173, 203, 229 Background



This preview shows how black text looks on a background with the RYB color 173, 203, 229.



This preview shows how white text looks on a background with the RYB color 173, 203, 229.

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





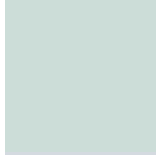
Tritanopia
178, 206, 244

Trichromacy



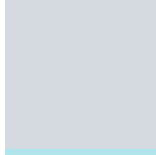
Original Color

173, 203, 229



Protanomaly

204, 214, 221



Deuteranomaly

212, 216, 224



Tritanomaly

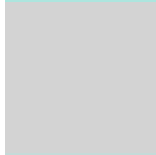
176, 204, 236

Monochromacy



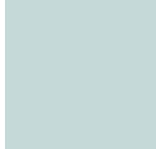
Original Color

173, 203, 229



Achromatopsia

211, 211, 211



Achromatomaly

197, 208, 218

CSS Examples

Text

The CSS property to change the color of the text to RYB 173, 203, 229 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, 229, 222)` looks like.

```
.text, #text, p{  
    color:rgb(173, 229, 222)  
}
```

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, 229, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 229, 222) }
```

Border

The CSS property to change the border of an element to RYB 173, 203, 229 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, 229, 222) }
```

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

```
.border{ border-color:rgb(173, 229, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 229, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 229, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 229, 222); box-shadow:4px 4px 4px 4px rgb(173, 229, 222) }
```

Background

The CSS property to change the background color of an element to RYB 173, 203, 229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 229, 222) }
```

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

```
.background{ background-color: rgb(173,  
229, 222) }
```

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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