

Converting Colors

`RYB(175, 198, 223)`

Have a look what the booklet for
RYB(175, 198, 223) contains.

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Color

$\text{RYB}(175, 198, 223)$

Conversions

Conversions Part 1

Format	Color
Hex	AFDBDF
RGB	175, 219, 223
RGB Percent	69%, 86%, 87%
CMY	0.3137, 0.1405, 0.1255
CMYK	0.22, 0.02, 0.00, 0.13
HSL	185°, 43%, 78%
HSV	185°, 22%, 87%
XYZ	56.3718, 65.1882, 79.4235
YIQ	206.3000, -27.5080, -8.0840

Conversions

Conversions Part 2

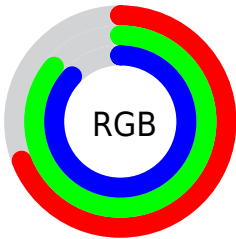
Format	Color
R _{YB}	175, 198, 223
Decimal	11525087
CIE Lab	84.58, -13.45, -6.62
CIE LCh	85, 14.987, 206.218
Yxy	65.1882, 0.2805, 0.3243
Android (android.graphics.Color)	4289715167 (0xFFAFDBDF)
YUV	206.3000, 8.2331, -27.4501
Hunter-Lab	80.7392, -16.6658, -1.8064

Details

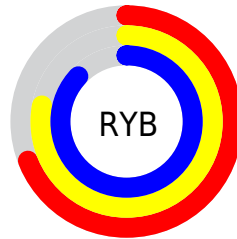
The RYB color **175, 198, 223** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **223, 179, 175**, and the grayscale version is **206, 206, 206**.

A 20% lighter version of the original color is **231, 243, 255**, and **121, 143, 168** is the 20% darker color. If you saturate the color by 10%, you get **153, 186, 223**, and if you desaturate by 10%, it is **197, 209, 223**.

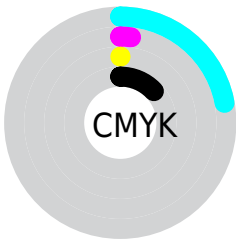
Distribution



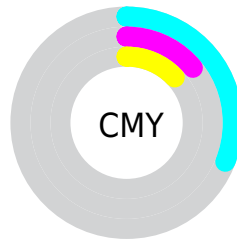
- Red (69%)
- Green (86%)
- Blue (87%)



- Red (69%)
- Yellow (78%)
- Blue (87%)



- Cyan (22%)
- Magenta (2%)
- Yellow (0%)
- Black (13%)




- Cyan (31%)
- Magenta (14%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 175, 198, 223 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, 198, 223 by changing the saturation by 10% instead.


 175, 198, 223


255, 255, 255


 231, 243, 255

 175, 198, 223


 148, 170, 195

 121, 143, 168


 96, 118, 141

 71, 92, 116

 46, 68, 91

 21, 43, 68

 0, 22, 46

 0, 12, 25


 0, 0, 0

 175, 198, 223

 175, 198, 223

 153, 186, 223


 197, 209, 223

 130, 175, 223


 220, 222, 223

 108, 163, 223


 242, 225, 223

 86, 152, 223


 255, 226, 223

 64, 140, 223

 255, 229, 223

 41, 128, 223

 255, 232, 223

 19, 117, 223

 255, 236, 223

 0, 107, 223

 255, 238, 223

 255, 242, 223

Harmonies

Analogous

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



180, 202, 219



175, 198, 223



180, 202, 234

Triad

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



175, 198, 223



228, 204, 227



209, 225, 183

Complementary

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



175, 198, 223



223, 179, 175

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.



236, 214, 188



175, 198, 223



239, 202, 213

Square

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



175, 198, 223



212, 208, 236



241, 202, 199



186, 214, 191

Rectangle

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



175, 198, 223



189, 206, 238



241, 202, 199



223, 229, 184

Sweetspot

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



175, 198, 223



240, 247, 255



175, 220, 223



119, 123, 128



0, 0, 0



128, 128, 128

Same Dimension

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



175, 198, 223



189, 221, 255



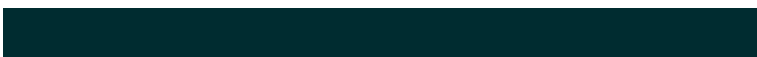
175, 190, 223



101, 106, 112



0, 84, 176



0, 23, 48

Inverse Universe

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



223, 175, 219



255, 189, 250



212, 223, 175



112, 101, 111



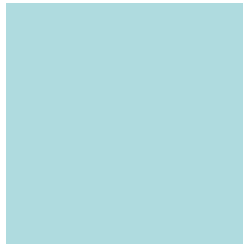
176, 0, 162



48, 0, 45

Previews

White Background



This preview shows how the RYB color 175, 198, 223 looks on a white background.

Color Contrast Check

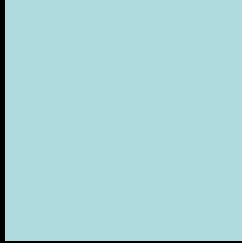
Large Text (above 18pt) WCAG AA × Fail

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, 198, 223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

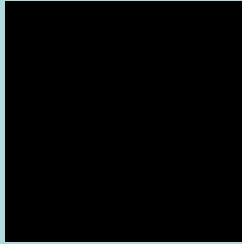
Any Text WCAG AA ✓ Pass

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, 198, 223 Background



This preview shows how black text looks on a background with the RYB color 175, 198, 223.

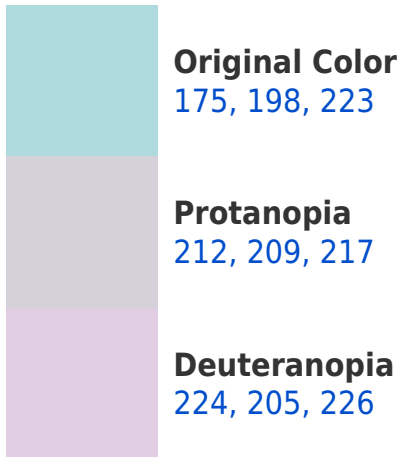


This preview shows how white text looks on a background with the RYB color 175, 198, 223.

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](#).

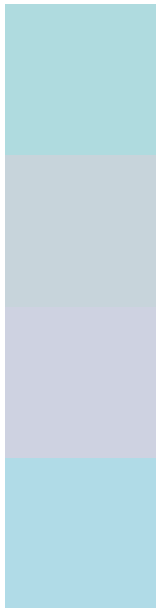
Dichromacy





Tritanopia
177, 201, 235

Trichromacy



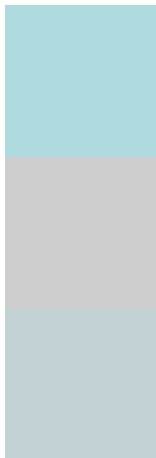
Original Color
175, 198, 223

Protanomaly
199, 207, 219

Deuteranomaly
206, 209, 225

Tritanomaly
176, 200, 231

Monochromacy



Original Color
175, 198, 223

Achromatopsia
206, 206, 206

Achromatomaly
195, 203, 212

CSS Examples

Text

The CSS property to change the color of the text to RYB 175, 198, 223 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, 219, 223)` looks like.

```
.text, #text, p{  
    color:rgb(175, 219, 223)  
}
```

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, 219, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 219, 223) }
```

Border

The CSS property to change the border of an element to RYB 175, 198, 223 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, 219, 223) }
```

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

```
.border{ border-color:rgb(175, 219, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 219, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 219, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 219, 223);  
box-shadow:4px 4px 4px 4px rgb(175, 219,  
223) }
```

Background

The CSS property to change the background color of an element to RYB 175, 198, 223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 219, 223) }
```

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

```
.background{ background-color: rgb(175,  
219, 223) }
```

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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