

Converting Colors

`RYB(143, 170, 204)`

Have a look what the booklet for
RYB(143, 170, 204) contains.

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Color

`RYB(143, 170, 204)`

Conversions

Conversions Part 1

Format	Color
Hex	8FBFCC
RGB	143, 191, 204
RGB Percent	56%, 75%, 80%
CMY	0.4392, 0.2493, 0.2000
CMYK	0.30, 0.06, 0.00, 0.20
HSL	192°, 37%, 68%
HSV	192°, 30%, 80%
XYZ	40.9539, 47.6536, 64.1663
YIQ	178.1300, -32.7810, -6.1330

Conversions

Conversions Part 2

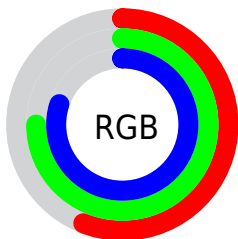
Format	Color
RYB	143, 170, 204
Decimal	9420748
CIELab	74.61, -12.89, -11.46
CIELCh	75, 17.251, 221.637
Yxy	47.6536, 0.2681, 0.3119
Android (android.graphics.Color)	4287610828 (0xFF8FBFCC)
YUV	178.1300, 12.7539, -30.8090
Hunter-Lab	69.0316, -14.9077, -6.7892

Details

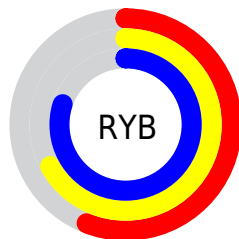
The RYB color **143, 170, 204** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **204, 160, 143**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **198, 224, 255**, and **90, 117, 150** is the 20% darker color. If you saturate the color by 10%, you get **123, 159, 204**, and if you desaturate by 10%, it is **163, 181, 204**.

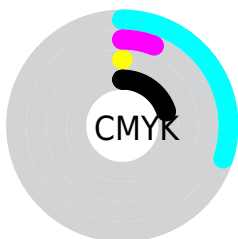
Distribution



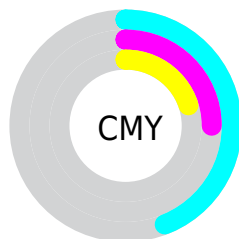
- Red (56%)
- Green (75%)
- Blue (80%)



- Red (56%)
- Yellow (67%)
- Blue (80%)



- Cyan (30%)
- Magenta (6%)
- Yellow (0%)
- Black (20%)



- Cyan (44%)
- Magenta (25%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 143, 170, 204 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 143, 170, 204 by changing the saturation by 10% instead.


 143, 170, 204


255, 255, 255

 198, 225, 255

 227, 241, 255

 143, 170, 204

 116, 143, 177


 90, 117, 150

 65, 91, 124

 39, 66, 99

 8, 39, 75

 0, 23, 53

 0, 13, 31

 0, 0, 5

 0, 0, 0

■ 143, 170, 204

■ 143, 170, 204

■ 123, 159, 204

■ 163, 181, 204

■ 102, 147, 204

■ 184, 193, 204

■ 82, 136, 204

■ 204, 204, 204

■ 61, 124, 204

■ 225, 209, 204

■ 41, 113, 204

■ 245, 214, 204

■ 21, 102, 204

■ 255, 221, 204

■ 0, 90, 204

■ 255, 230, 204

■ 255, 240, 204

■ 255, 253, 204

Harmonies

Analogous

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



143, 169, 193



143, 170, 204



155, 176, 213

Triad

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



143, 170, 204



210, 174, 194



160, 190, 153

Complementary

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



143, 170, 204



204, 160, 143

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.



205, 203, 154



143, 170, 204



217, 173, 178

Square

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



143, 170, 204



194, 178, 207



215, 179, 163



160, 189, 177

Rectangle

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



143, 170, 204



167, 180, 215



215, 179, 163



169, 195, 152

Sweetspot

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



143, 170, 204



232, 242, 255



143, 194, 204



113, 120, 128



0, 0, 0



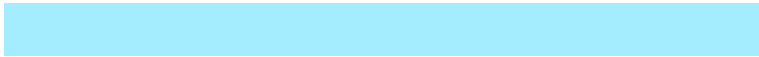
128, 128, 128

Same Dimension

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



143, 170, 204



163, 204, 255



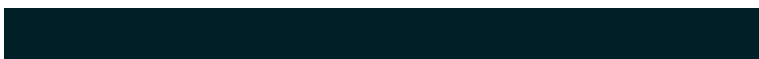
143, 157, 204



92, 96, 102



0, 74, 166



0, 17, 38

Inverse Universe

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



204, 143, 191



255, 163, 236



169, 204, 143



102, 92, 100



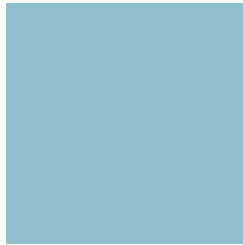
166, 0, 132



38, 0, 30

Previews

White Background



This preview shows how the RYB color 143, 170, 204 looks on a white background.

Color Contrast Check

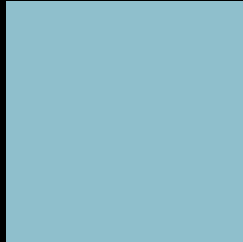
Large Text (above 18pt) WCAG AA × Fail

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 143, 170, 204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

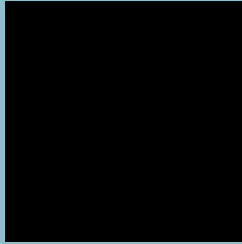
Any Text WCAG AA ✓ Pass

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 143, 170, 204 Background



This preview shows how black text looks on a background with the RYB color 143, 170, 204.



This preview shows how white text looks on a background with the RYB color 143, 170, 204.

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
144, 171, 206

Trichromacy



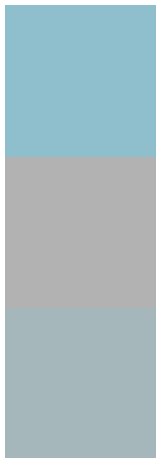
Original Color
143, 170, 204

Protanomaly
168, 179, 200

Deuteranomaly
173, 181, 206

Tritanomaly
144, 171, 205

Monochromacy



Original Color
143, 170, 204

Achromatopsia
178, 178, 178

Achromatomaly
165, 175, 187

CSS Examples

Text

The CSS property to change the color of the text to RYB 143, 170, 204 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(143, 191, 204)` looks like.

```
.text, #text, p{  
    color:rgb(143, 191, 204)  
}
```

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(143, 191, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 191, 204) }
```

Border

The CSS property to change the border of an element to RYB 143, 170, 204 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(143, 191, 204) }
```

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

```
.border{ border-color:rgb(143, 191, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 191, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 191, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 191, 204);  
box-shadow:4px 4px 4px 4px rgb(143, 191,  
204) }
```

Background

The CSS property to change the background color of an element to RYB 143, 170, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 191, 204) }
```

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

```
.background{ background-color: rgb(143,  
191, 204) }
```

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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