

Converting Colors

`RYB(143, 201, 220)`

Have a look what the booklet for
RYB(143, 201, 220) contains.

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Color

R_YB(143, 201, 220)

Conversions

Conversions Part 1

Format	Color
Hex	8FDCA8
RGB	143, 220, 168
RGB Percent	56%, 86%, 66%
CMY	0.4392, 0.1373, 0.3403
CMYK	0.35, 0.00, 0.24, 0.14
HSL	140°, 52%, 71%
HSV	140°, 35%, 86%
XYZ	44.0097, 59.8616, 46.3902
YIQ	191.0490, -29.2000, -32.4960

Conversions

Conversions Part 2

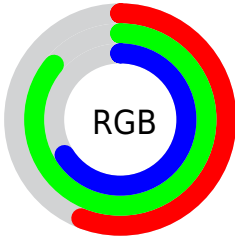
Format	Color
RYB	143, 201, 220
Decimal	9428136
CIELab	81.76, -34.57, 18.06
CIElCh	82, 39.008, 152.416
Yxy	59.8616, 0.2929, 0.3984
Android (android.graphics.Color)	4287618216 (0xFF8FDCA8)
YUV	191.0490, -11.3632, -42.1390
Hunter-Lab	77.3702, -33.8637, 18.6096

Details

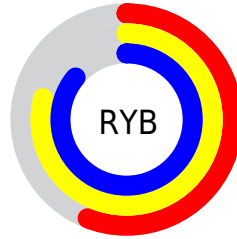
The RYB color **143, 201, 220** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **220, 143, 195**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **199, 238, 255**, and **89, 145, 165** is the 20% darker color. If you saturate the color by 10%, you get **121, 196, 220**, and if you desaturate by 10%, it is **165, 206, 220**.

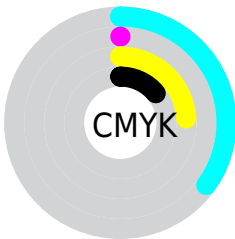
Distribution



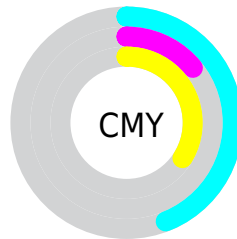
- Red (56%)
- Green (86%)
- Blue (66%)



- Red (56%)
- Yellow (79%)
- Blue (86%)



- Cyan (35%)
- Magenta (0%)
- Yellow (24%)
- Black (14%)



- Cyan (44%)
- Magenta (14%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RYB color 143, 201, 220 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, 201, 220 by changing the saturation by 10% instead.


 143, 201, 220

 143, 201, 220


255, 255, 255

 116, 173, 192

 199, 238, 255

 89, 145, 165

 228, 242, 255


 62, 117, 138

 34, 89, 112

 0, 57, 87

 0, 46, 63


 0, 41, 41

 0, 12, 12


 0, 0, 0

 143, 201, 220


 143, 201, 220

 121, 196, 220


 165, 206, 220

 99, 190, 220


 187, 212, 220

 77, 185, 220


 209, 217, 220

 55, 179, 220

 231, 220, 227

 33, 174, 220

 253, 220, 242

 11, 169, 220

 255, 220, 255

 0, 166, 220

Harmonies

Analogous

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



140, 213, 167



143, 201, 220



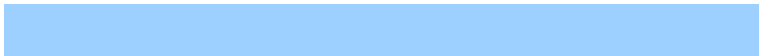
98, 165, 223

Triad

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



143, 201, 220



157, 190, 255



255, 181, 166

Complementary

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



143, 201, 220



220, 143, 195

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, 175, 202



143, 201, 220



212, 193, 255

Square

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



143, 201, 220



100, 166, 255



252, 181, 238



255, 227, 139

Rectangle

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



143, 201, 220



75, 151, 230



252, 181, 238



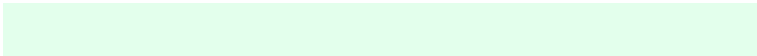
255, 177, 177

Sweetspot

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



143, 201, 220



227, 248, 255



143, 220, 167



111, 124, 128



0, 0, 0



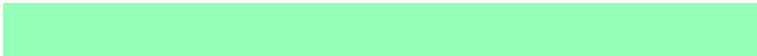
128, 128, 128

Same Dimension

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



143, 201, 220



148, 229, 255



143, 185, 220



99, 108, 110



0, 130, 173



0, 35, 46

Inverse Universe

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



220, 143, 195



255, 148, 220



220, 143, 157



110, 99, 106



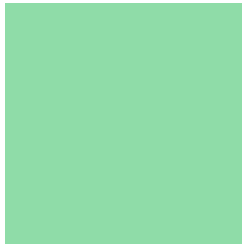
173, 0, 117



46, 0, 31

Previews

White Background



This preview shows how the RYB color 143, 201, 220 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, 201, 220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

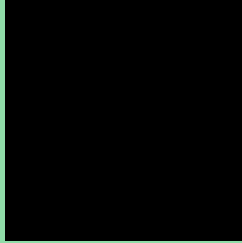
Any Text WCAG AA ✓ Pass

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, 201, 220 Background



This preview shows how black text looks on a background with the RYB color 143, 201, 220.

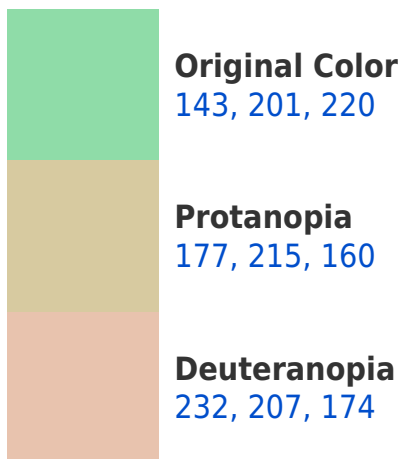


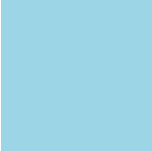
This preview shows how white text looks on a background with the RYB color 143, 201, 220.

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
156, 188, 229

Trichromacy



Original Color

143, 201, 220



Protanomaly

163, 209, 183



Deuteranomaly

172, 204, 176



Tritanomaly

151, 185, 215

Monochromacy



Original Color

143, 201, 220



Achromatopsia

191, 191, 191



Achromatomaly

174, 195, 202

CSS Examples

Text

The CSS property to change the color of the text to RYB 143, 201, 220 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, 220, 168)` looks like.

```
.text, #text, p{  
    color:rgb(143, 220, 168)  
}
```

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, 220, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 220, 168) }
```

Border

The CSS property to change the border of an element to RYB 143, 201, 220 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, 220, 168) }
```

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

```
.border{ border-color:rgb(143, 220, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 220, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(143, 220, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(143, 220, 168); box-shadow:4px 4px 4px 4px rgb(143, 220, 168) }
```

Background

The CSS property to change the background color of an element to RYB 143, 201, 220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 220, 168) }
```

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

```
.background{ background-color: rgb(143,  
220, 168) }
```

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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