

Converting Colors

RGB(143, 207, 216)

Have a look what the booklet for
RGB(143, 207, 216) contains.

RGB(143, 207, 216)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(143, 207, 216)

Conversions

Conversions Part 1

Format	Color
Hex	8FCFD8
RGB	143, 207, 216
RGB Percent	56%, 81%, 85%
CMY	0.4392, 0.1882, 0.1529
CMYK	0.34, 0.04, 0.00, 0.15
HSL	187°, 48%, 70%
HSV	187°, 34%, 85%
XYZ	46.0352, 55.4232, 73.2372
YIQ	188.8900, -41.0330, -10.7690

Conversions

Conversions Part 2

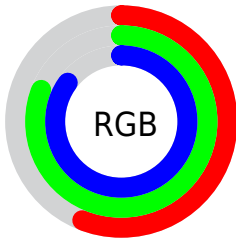
Format	Color
RYB	143, 177, 216
Decimal	9424856
CIELab	79.28, -18.05, -10.95
CIELCh	79, 21.108, 211.253
Yxy	55.4232, 0.2635, 0.3173
Android (android.graphics.Color)	4287614936 (0xFF8FCFD8)
YUV	188.8900, 13.3652, -40.2455
Hunter-Lab	74.4467, -19.9038, -6.2140

Details

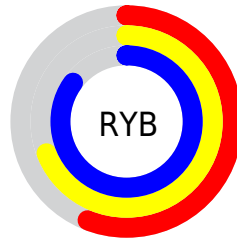
The RGB color **143, 207, 216** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **216, 152, 143**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **199, 255, 255**, and **89, 153, 161** is the 20% darker color. If you saturate the color by 10%, you get **121, 204, 216**, and if you desaturate by 10%, it is **165, 210, 216**.

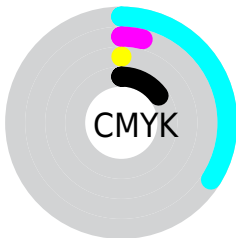
Distribution



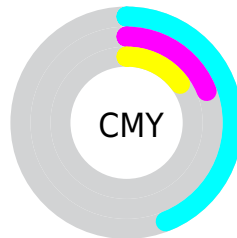
- Red (56%)
- Green (81%)
- Blue (85%)



- Red (56%)
- Yellow (69%)
- Blue (85%)



- Cyan (34%)
- Magenta (4%)
- Yellow (0%)
- Black (15%)



- Cyan (44%)
- Magenta (19%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 143, 207, 216 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 RGB color 143, 207, 216 by changing the saturation by 10% instead.


 143, 207, 216


255, 255, 255


 199, 255, 255


 228, 255, 255

 143, 207, 216

 116, 179, 188

 89, 153, 161

 62, 127, 135

 33, 101, 110

 0, 77, 85

 0, 54, 62

 0, 33, 40

 0, 1, 20

 0, 0, 0

 143, 207, 216


 143, 207, 216

 121, 204, 216


 165, 210, 216

 100, 202, 216


 186, 212, 216

 78, 199, 216


 208, 215, 216

 57, 196, 216


 229, 218, 216

 35, 194, 216

 251, 220, 216

 13, 191, 216

 255, 223, 216

 0, 189, 216

 255, 226, 216

 255, 228, 216

 255, 231, 216

Harmonies

Analogous

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



149, 208, 197



143, 207, 216



153, 204, 230

Triad

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



143, 207, 216



223, 185, 216



211, 195, 157

Complementary

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



143, 207, 216



216, 152, 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.



228, 189, 163



143, 207, 216



235, 183, 196

Square

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



143, 207, 216



201, 191, 230



237, 184, 177



189, 201, 163

Rectangle

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



143, 207, 216



167, 200, 235



237, 184, 177



217, 193, 158

Sweetspot

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



143, 207, 216



230, 252, 255



143, 216, 152



112, 126, 128



0, 0, 0



128, 128, 128

Same Dimension

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



143, 207, 216



150, 242, 255



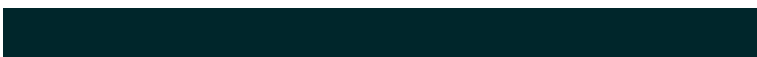
143, 171, 216



96, 106, 107



0, 150, 171



0, 38, 43

Inverse Universe

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



216, 143, 207



255, 150, 242



216, 188, 143



107, 96, 106



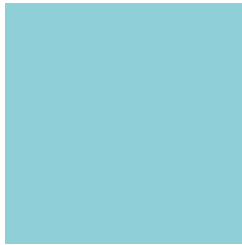
171, 0, 150



43, 0, 38

Previews

White Background



This preview shows how the RGB color 143, 207, 216 looks on a white background.

Color Contrast Check

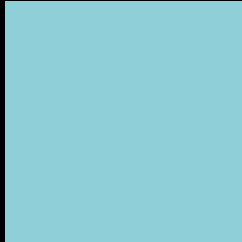
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 143, 207, 216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

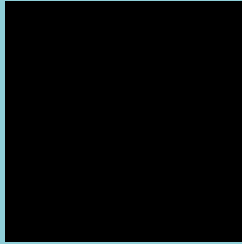
Any Text WCAG AA ✓ Pass

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](#).

RGB 143, 207, 216 Background



This preview shows how black text looks on a background with the RGB color 143, 207, 216.

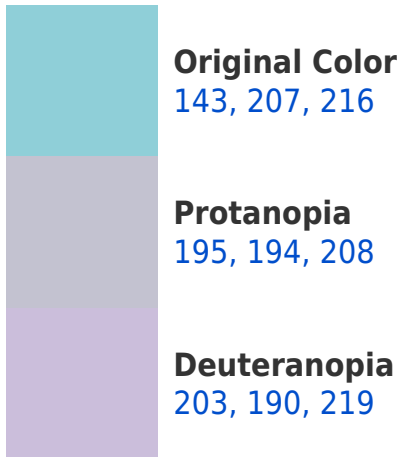


This preview shows how white text looks on a background with the RGB color 143, 207, 216.

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





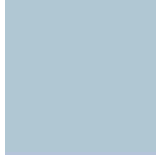
Tritanopia
145, 206, 223

Trichromacy



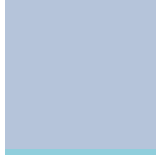
Original Color

143, 207, 216



Protanomaly

176, 199, 211



Deuteranomaly

181, 196, 218



Tritanomaly

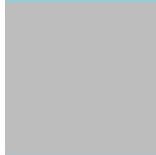
144, 206, 220

Monochromacy



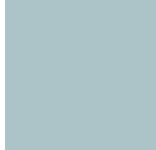
Original Color

143, 207, 216



Achromatopsia

189, 189, 189



Achromatomaly

172, 196, 199

CSS Examples

Text

The CSS property to change the color of the text to RGB 143, 207, 216 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, 207, 216)` looks like.

```
.text, #text, p{  
    color:rgb(143, 207, 216)  
}
```

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, 207, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 207, 216) }
```

Border

The CSS property to change the border of an element to RGB 143, 207, 216 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, 207, 216) }
```

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

```
.border{ border-color:rgb(143, 207, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 207, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 207, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 207, 216);  
box-shadow:4px 4px 4px 4px rgb(143, 207,  
216) }
```

Background

The CSS property to change the background color of an element to RGB 143, 207, 216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 207, 216) }
```

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

```
.background{ background-color: rgb(143,  
207, 216) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor