

Converting Colors

RGB(150, 242, 203)

Have a look what the booklet for
RGB(150, 242, 203) contains.

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Color

RGB(150, 242, 203)

Conversions

Conversions Part 1

Format	Color
Hex	96F2CB
RGB	150, 242, 203
RGB Percent	59%, 95%, 80%
CMY	0.4118, 0.0510, 0.2039
CMYK	0.38, 0.00, 0.16, 0.05
HSL	155°, 78%, 77%
HSV	155°, 38%, 95%
XYZ	55.1093, 74.3001, 67.9367
YIQ	210.0460, -42.3130, -31.6330

Conversions

Conversions Part 2

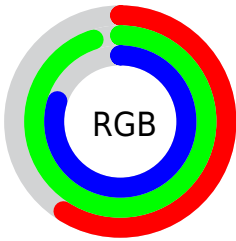
Format	Color
RYB	150, 208, 242
Decimal	9892555
CIELab	89.06, -35.93, 10.24
CIELCh	89, 37.362, 164.087
Yxy	74.3001, 0.2793, 0.3765
Android (android.graphics.Color)	4288082635 (0xFF96F2CB)
YUV	210.0460, -3.4737, -52.6603
Hunter-Lab	86.1975, -36.7239, 13.6087

Details

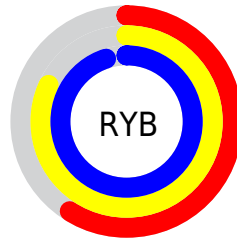
The RGB color **150, 242, 203** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **242, 150, 189**, and the grayscale version is **210, 210, 210**.

A 20% lighter version of the original color is **207, 255, 255**, and **94, 185, 149** is the 20% darker color. If you saturate the color by 10%, you get **126, 242, 193**, and if you desaturate by 10%, it is **174, 242, 213**.

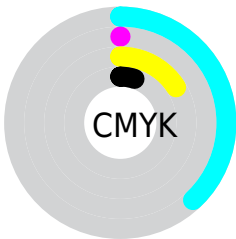
Distribution



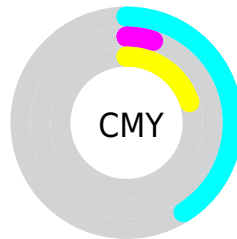
- Red (59%)
- Green (95%)
- Blue (80%)



- Red (59%)
- Yellow (82%)
- Blue (95%)



- Cyan (38%)
- Magenta (0%)
- Yellow (16%)
- Black (5%)



- Cyan (41%)
- Magenta (5%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 150, 242, 203 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 150, 242, 203 by changing the saturation by 10% instead.

 150, 242, 203


255, 255, 255


 207, 255, 255

 236, 255, 255


 150, 242, 203

 122, 213, 176

 94, 185, 149

 66, 158, 123

 35, 132, 98

 0, 106, 74

 0, 81, 52

 0, 57, 30

 0, 37, 6

 0, 0, 0

 150, 242, 203

 150, 242, 203

 126, 242, 193

 174, 242, 213

 102, 242, 182

 198, 242, 224

 77, 242, 172

 223, 242, 234

 53, 242, 162

 247, 242, 244

 29, 242, 152

 255, 242, 254

 5, 242, 141

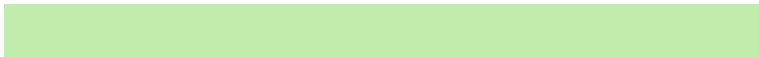
 255, 242, 255

 0, 242, 139

Harmonies

Analogous

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



192, 236, 172



150, 242, 203



115, 243, 240

Triad

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



150, 242, 203



202, 221, 255



255, 204, 176

Complementary

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



150, 242, 203



242, 150, 189

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, 197, 208



150, 242, 203



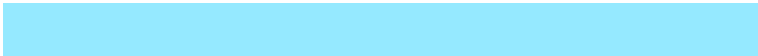
250, 209, 255

Square

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



150, 242, 203



149, 233, 255



255, 199, 244



255, 215, 156

Rectangle

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



150, 242, 203



108, 242, 255



255, 199, 244



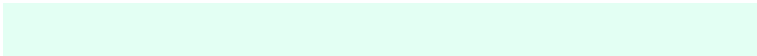
255, 201, 185

Sweetspot

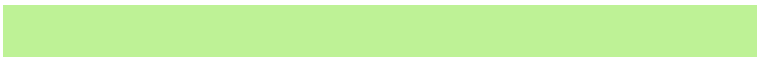
The Sweet Spot groups the original color and five complimentary colors.



150, 242, 203



227, 255, 243



190, 242, 150



111, 128, 120



0, 0, 0



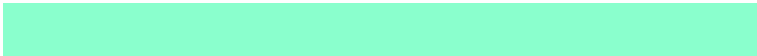
128, 128, 128

Same Dimension

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



150, 242, 203



138, 255, 205



150, 236, 242



108, 120, 115



0, 184, 106



0, 56, 32

Inverse Universe

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



242, 150, 189



255, 138, 187



242, 156, 150



120, 108, 113



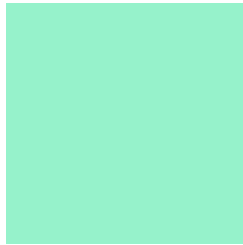
184, 0, 78



56, 0, 24

Previews

White Background



This preview shows how the RGB color 150, 242, 203 looks on a white background.

Color Contrast Check

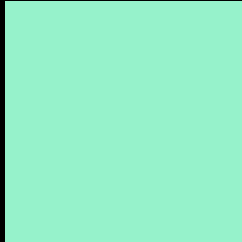
Large Text (above 18pt) WCAG AA × Fail

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 150, 242, 203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

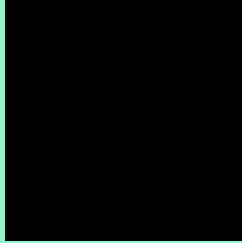
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

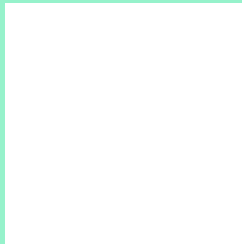
Any Text WCAG AAA ✓ Pass

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

RGB 150, 242, 203 Background



This preview shows how black text looks on a background with the RGB color 150, 242, 203.

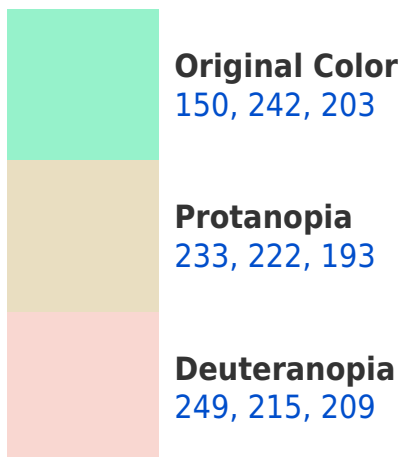


This preview shows how white text looks on a background with the RGB color 150, 242, 203.

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





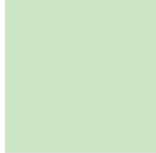
Tritanopia
162, 235, 254

Trichromacy



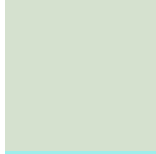
Original Color

150, 242, 203



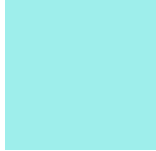
Protanomaly

203, 229, 197



Deuteranomaly

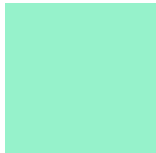
213, 225, 207



Tritanomaly

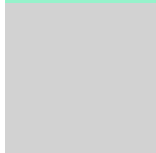
158, 238, 235

Monochromacy



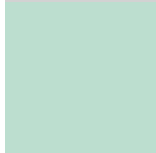
Original Color

150, 242, 203



Achromatopsia

210, 210, 210



Achromatomaly

188, 222, 207

CSS Examples

Text

The CSS property to change the color of the text to RGB 150, 242, 203 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(150, 242, 203)` looks like.

```
.text, #text, p{  
    color:rgb(150, 242, 203)  
}
```

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(150, 242, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 242, 203) }
```

Border

The CSS property to change the border of an element to RGB 150, 242, 203 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(150, 242, 203) }
```

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

```
.border{ border-color:rgb(150, 242, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 242, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 242, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 242, 203);  
box-shadow:4px 4px 4px 4px rgb(150, 242,  
203) }
```

Background

The CSS property to change the background color of an element to RGB 150, 242, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 242, 203) }
```

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

```
.background{ background-color: rgb(150,  
242, 203) }
```

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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