

Converting Colors

`RYB(151, 216, 250)`

Have a look what the booklet for
RYB(151, 216, 250) contains.

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Color

R_YB(151, 216, 250)

Conversions

Conversions Part 1

Format	Color
Hex	97FACB
RGB	151, 250, 203
RGB Percent	59%, 98%, 80%
CMY	0.4078, 0.0196, 0.2048
CMYK	0.40, 0.00, 0.19, 0.02
HSL	151°, 91%, 79%
HSV	151°, 40%, 98%
XYZ	57.7019, 79.2521, 68.6214
YIQ	215.0410, -43.9170, -35.6050

Conversions

Conversions Part 2

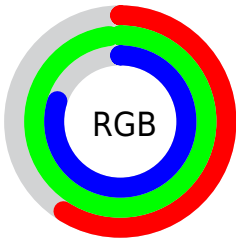
Format	Color
RYB	151, 216, 250
Decimal	9960139
CIELab	91.35, -39.34, 13.61
CIELCh	91, 41.625, 160.915
Yxy	79.2521, 0.2807, 0.3855
Android (android.graphics.Color)	4288150219 (0xFF97FACB)
YUV	215.0410, -5.9362, -56.1640
Hunter-Lab	89.0236, -40.0940, 16.6145

Details

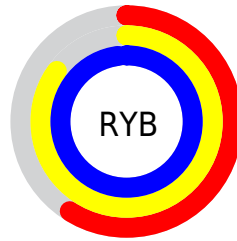
The RYB color **151, 216, 250** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **250, 151, 198**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **208, 232, 255**, and **95, 158, 193** is the 20% darker color. If you saturate the color by 10%, you get **126, 207, 250**, and if you desaturate by 10%, it is **176, 224, 250**.

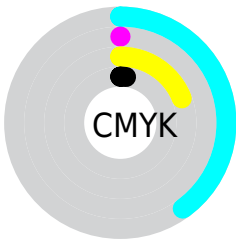
Distribution



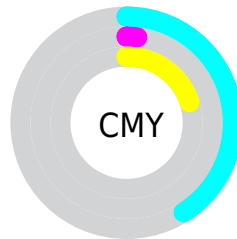
- Red (59%)
- Green (98%)
- Blue (80%)



- Red (59%)
- Yellow (85%)
- Blue (98%)



- Cyan (40%)
- Magenta (0%)
- Yellow (19%)
- Black (2%)



- Cyan (41%)
- Magenta (2%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 151, 216, 250 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 151, 216, 250 by changing the saturation by 10% instead.

 151, 216, 250


255, 255, 255


 208, 232, 255

 238, 247, 255

 151, 216, 250

 123, 187, 221

 95, 158, 193

 66, 129, 165

 33, 99, 139

 0, 68, 113

 0, 55, 87

 0, 43, 63

 0, 36, 41


 0, 9, 9

 151, 216, 250


 151, 216, 250

 126, 207, 250


 176, 224, 250

 101, 199, 250


 201, 233, 250

 76, 190, 250


 226, 242, 250


 51, 182, 250

 251, 250, 250

 26, 173, 250

 255, 250, 255

 1, 165, 250

 0, 164, 250

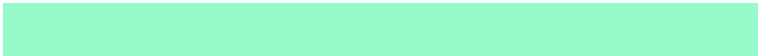
Harmonies

Analogous

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



169, 243, 213



151, 216, 250



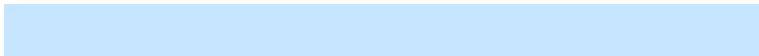
106, 181, 252

Triad

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



151, 216, 250



198, 218, 255



255, 220, 180

Complementary

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



151, 216, 250



250, 151, 198

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, 200, 217



151, 216, 250



254, 215, 255

Square

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



151, 216, 250



136, 192, 255



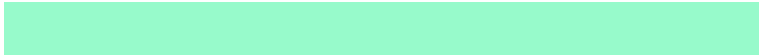
255, 203, 255



211, 255, 155

Rectangle

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



151, 216, 250



90, 171, 255



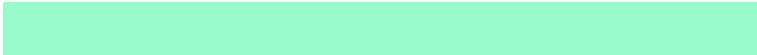
255, 203, 255



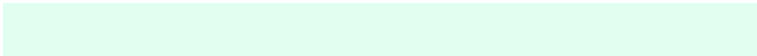
255, 206, 191

Sweetspot

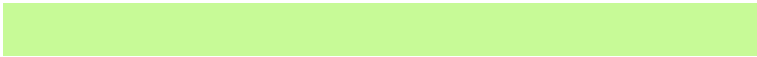
The Sweet Spot groups the original color and five complimentary colors.



151, 216, 250



224, 244, 255



151, 250, 202



110, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



151, 216, 250



133, 213, 255



151, 200, 250



112, 120, 125



0, 124, 189



0, 40, 61

Inverse Universe

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



250, 151, 198



255, 133, 191



250, 153, 151



125, 112, 118



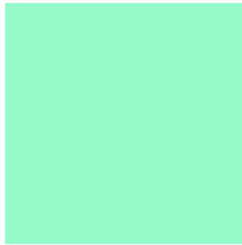
189, 0, 90



61, 0, 29

Previews

White Background



This preview shows how the RYB color 151, 216, 250 looks on a white background.

Color Contrast Check

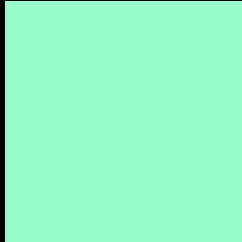
Large Text (above 18pt) WCAG AA × Fail

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 151, 216, 250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

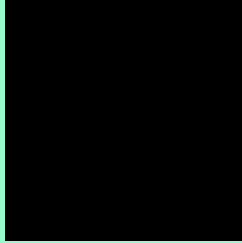
Any Text WCAG AA ✓ Pass

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 151, 216, 250 Background



This preview shows how black text looks on a background with the RYB color 151, 216, 250.

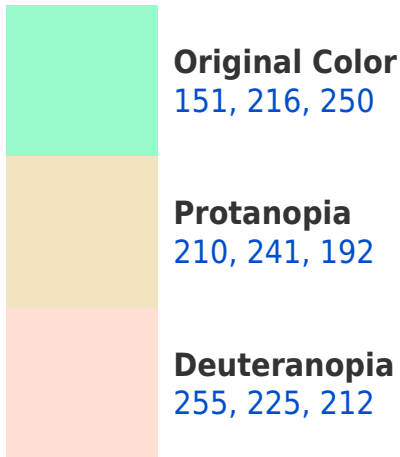


This preview shows how white text looks on a background with the RYB color 151, 216, 250.

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
181, 214, 255

Trichromacy



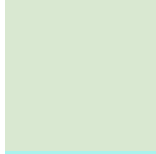
Original Color

151, 216, 250



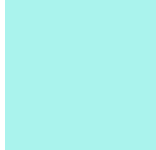
Protanomaly

196, 236, 224



Deuteranomaly

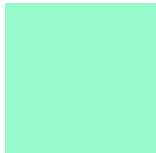
209, 232, 224



Tritanomaly

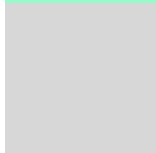
170, 208, 243

Monochromacy



Original Color

151, 216, 250



Achromatopsia

215, 215, 215



Achromatomaly

192, 216, 228

CSS Examples

Text

The CSS property to change the color of the text to RYB 151, 216, 250 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(151, 250, 203)` looks like.

```
.text, #text, p{  
    color:rgb(151, 250, 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(151, 250, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 250, 203) }
```

Border

The CSS property to change the border of an element to RYB 151, 216, 250 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(151, 250, 203) }
```

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

```
.border{ border-color:rgb(151, 250, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 250, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 250, 203); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 250, 203); box-shadow:4px 4px 4px 4px rgb(151, 250, 203) }
```

Background

The CSS property to change the background color of an element to RYB 151, 216, 250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 250, 203) }
```

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

```
.background{ background-color: rgb(151,  
250, 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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