

Converting Colors

`RYB(139, 207, 254)`

Have a look what the booklet for
RYB(139, 207, 254) contains.

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Color

R_YB(139, 207, 254)

Conversions

Conversions Part 1

Format	Color
Hex	8BFEDA
RGB	139, 254, 218
RGB Percent	55%, 100%, 85%
CMY	0.4549, 0.0039, 0.1432
CMYK	0.45, 0.00, 0.14, 0.00
HSL	161°, 98%, 77%
HSV	161°, 45%, 100%
XYZ	58.8078, 81.4600, 79.2870
YIQ	215.5110, -56.9840, -35.5760

Conversions

Conversions Part 2

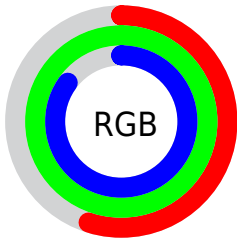
Format	Color
RYB	139, 207, 254
Decimal	9174746
CIELab	92.34, -40.91, 6.85
CIELCh	92, 41.478, 170.489
Yxy	81.4600, 0.2679, 0.3710
Android (android.graphics.Color)	4287364826 (0xFF8BFEDA)
YUV	215.5110, 1.2271, -67.1001
Hunter-Lab	90.2552, -41.6409, 11.0938

Details

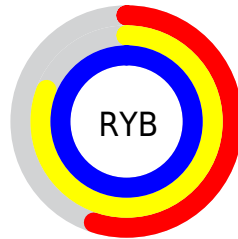
The RYB color **139, 207, 254** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **254, 139, 175**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is **198, 227, 255**, and **80, 148, 197** is the 20% darker color. If you saturate the color by 10%, you get **114, 197, 254**, and if you desaturate by 10%, it is **164, 217, 254**.

Distribution



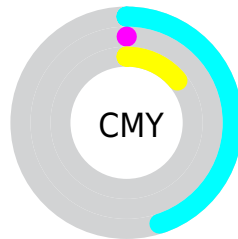
- Red (55%)
- Green (100%)
- Blue (85%)



- Red (55%)
- Yellow (81%)
- Blue (100%)



- Cyan (45%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)



- Cyan (45%)
- Magenta (0%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the RYB color 139, 207, 254 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 139, 207, 254 by changing the saturation by 10% instead.


 139, 207, 254

 139, 207, 254


255, 255, 255

 110, 177, 225

 198, 227, 255

 80, 148, 197

 227, 241, 255

 46, 117, 169


 0, 79, 142

 0, 66, 116

 0, 53, 91


 0, 40, 66

 0, 29, 44


 0, 15, 15

 139, 207, 254


 139, 207, 254

 114, 197, 254


 164, 217, 254

 88, 186, 254


 190, 228, 254

 63, 176, 254

 215, 238, 254

 37, 165, 254

 241, 249, 254

 12, 155, 254

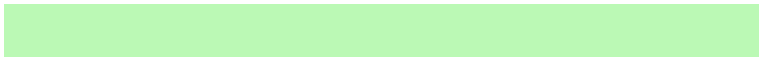
255, 254, 255

 0, 150, 254

Harmonies

Analogous

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



181, 249, 243



139, 207, 254



100, 178, 255

Triad

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



139, 207, 254



220, 226, 255



255, 251, 173

Complementary

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



139, 207, 254



254, 139, 175

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, 204, 207



139, 207, 254



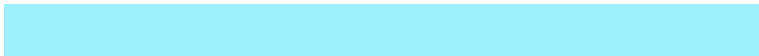
255, 213, 255

Square

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



139, 207, 254



159, 203, 255



255, 204, 247



196, 255, 155

Rectangle

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



139, 207, 254



97, 175, 255



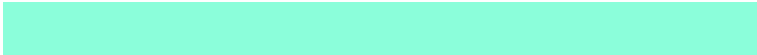
255, 204, 247



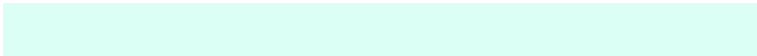
255, 224, 183

Sweetspot

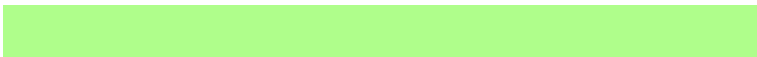
The Sweet Spot groups the original color and five complimentary colors.



139, 207, 254



219, 240, 255



139, 254, 218



106, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

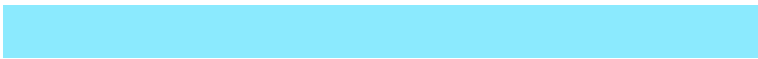
The Same Dimension uses a secret algorithm to generate beautiful new colors.



139, 207, 254



117, 199, 255



139, 191, 254



115, 123, 128



0, 113, 191



0, 38, 64

Inverse Universe

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



254, 139, 175



255, 117, 160



254, 165, 139



128, 115, 119



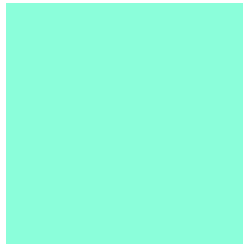
191, 0, 59



64, 0, 20

Previews

White Background



This preview shows how the RYB color 139, 207, 254 looks on a white background.

Color Contrast Check

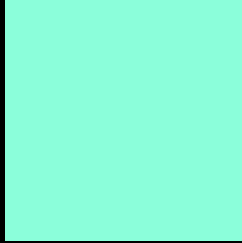
Large Text (above 18pt) WCAG AA × Fail

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 139, 207, 254 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 139, 207, 254 Background



This preview shows how black text looks on a background with the RYB color 139, 207, 254.

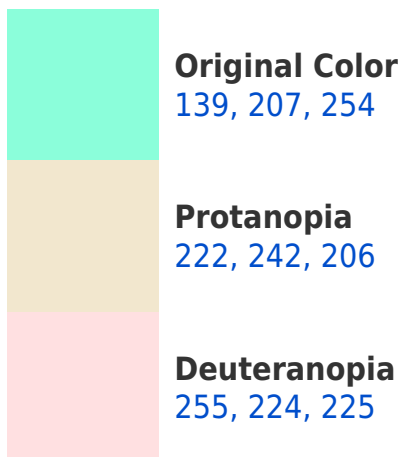


This preview shows how white text looks on a background with the RYB color 139, 207, 254.

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](#).

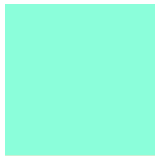
Dichromacy





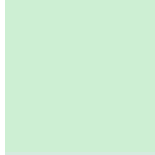
Tritanopia
186, 217, 255

Trichromacy



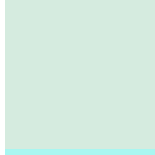
Original Color

139, 207, 254



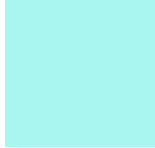
Protanomaly

205, 234, 239



Deuteranomaly

213, 228, 235



Tritanomaly

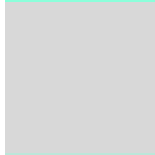
169, 209, 246

Monochromacy



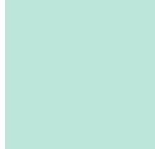
Original Color

139, 207, 254



Achromatopsia

216, 216, 216



Achromatomaly

188, 213, 230

CSS Examples

Text

The CSS property to change the color of the text to RYB 139, 207, 254 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(139, 254, 218)` looks like.

```
.text, #text, p{  
    color:rgb(139, 254, 218)  
}
```

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(139, 254, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 254, 218) }
```

Border

The CSS property to change the border of an element to RYB 139, 207, 254 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(139, 254, 218) }
```

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

```
.border{ border-color:rgb(139, 254, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 254, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 254, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 254, 218);  
box-shadow:4px 4px 4px 4px rgb(139, 254,  
218) }
```

Background

The CSS property to change the background color of an element to RYB 139, 207, 254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 254, 218) }
```

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

```
.background{ background-color: rgb(139,  
254, 218) }
```

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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