

Converting Colors

`RYB(139, 197, 247)`

Have a look what the booklet for
RYB(139, 197, 247) contains.

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Color

R_YB(139, 197, 247)

Conversions

Conversions Part 1

Format	Color
Hex	8BF7E8
RGB	139, 247, 232
RGB Percent	55%, 97%, 91%
CMY	0.4549, 0.0314, 0.0898
CMYK	0.44, 0.00, 0.06, 0.03
HSL	172°, 87%, 76%
HSV	172°, 44%, 97%
XYZ	58.4884, 77.8426, 88.3635
YIQ	212.9980, -59.5530, -27.5610

Conversions

Conversions Part 2

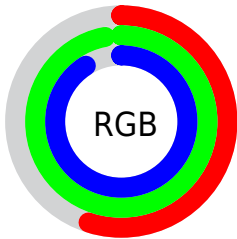
Format	Color
R_{YB}	139, 197, 247
Decimal	9172968
CIE _{Lab}	90.71, -34.66, -2.57
CIE _{LCh}	91, 34.758, 184.245
Y _{xy}	77.8426, 0.2603, 0.3464
Android (android.graphics.Color)	4287363048 (0xFF8BF7E8)
YUV	212.9980, 9.3680, -64.8962
Hunter-Lab	88.2284, -36.0685, 2.3792

Details

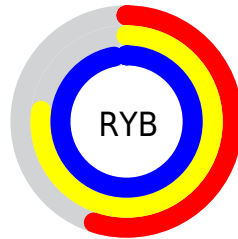
The RYB color **139, 197, 247** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **247, 139, 154**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is **197, 226, 255**, and **80, 139, 190** is the 20% darker color. If you saturate the color by 10%, you get **114, 185, 247**, and if you desaturate by 10%, it is **164, 208, 247**.

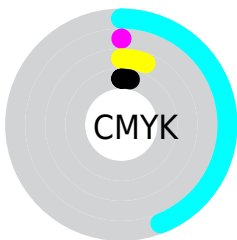
Distribution



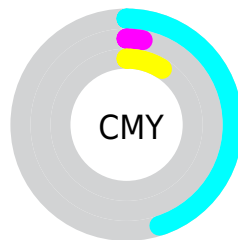
- Red (55%)
- Green (97%)
- Blue (91%)



- Red (55%)
- Yellow (77%)
- Blue (97%)



- Cyan (44%)
- Magenta (0%)
- Yellow (6%)
- Black (3%)




- Cyan (45%)
- Magenta (3%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RYB color 139, 197, 247 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, 197, 247 by changing the saturation by 10% instead.


 139, 197, 247


255, 255, 255


 197, 226, 255

 227, 241, 255

 139, 197, 247

 110, 168, 218


 80, 138, 190

 47, 108, 163

 0, 71, 136

 0, 58, 110

 0, 45, 85


 0, 33, 61

 0, 22, 40


 0, 3, 9

 139, 197, 247


 139, 197, 247

 114, 185, 247


 164, 208, 247

 90, 174, 247


 188, 220, 247

 65, 163, 247

 213, 231, 247

 40, 151, 247

 238, 243, 247

 15, 140, 247

 255, 247, 249

 0, 133, 247

 255, 247, 253

 255, 247, 255

Harmonies

Analogous

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



173, 226, 244



139, 197, 247



126, 188, 255

Triad

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



139, 197, 247



239, 218, 255



237, 255, 169

Complementary

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



139, 197, 247



247, 139, 154

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, 212, 192



139, 197, 247



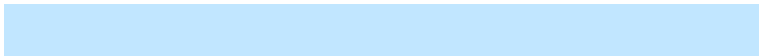
255, 208, 255

Square

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



139, 197, 247



193, 216, 255



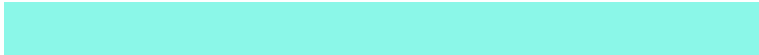
255, 204, 225



188, 248, 162

Rectangle

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



139, 197, 247



137, 193, 255



255, 204, 225



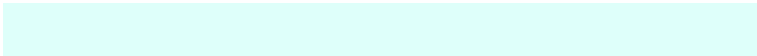
255, 246, 176

Sweetspot

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



139, 197, 247



222, 240, 255



139, 247, 231



107, 118, 128



0, 0, 0



128, 128, 128

Same Dimension

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



139, 197, 247



122, 193, 255



139, 181, 247



110, 116, 122



0, 100, 186



0, 32, 59

Inverse Universe

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



247, 139, 154



255, 122, 141



247, 198, 139



122, 110, 112



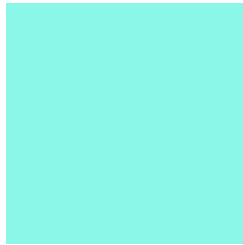
186, 0, 26



59, 0, 8

Previews

White Background



This preview shows how the RYB color 139, 197, 247 looks on a white background.

Color Contrast Check

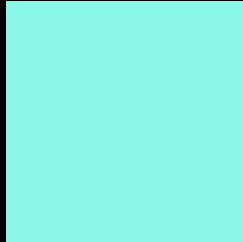
Large Text (above 18pt) WCAG AA × Fail

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, 197, 247 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, 197, 247 Background



This preview shows how black text looks on a background with the RYB color 139, 197, 247.

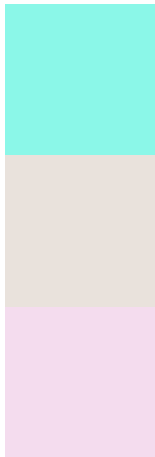


This preview shows how white text looks on a background with the RYB color 139, 197, 247.

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



Original Color
139, 197, 247

Protanopia
233, 231, 220

Deuteranopia
244, 220, 238



Tritanopia
169, 208, 255

Trichromacy



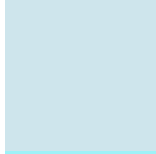
Original Color

139, 197, 247



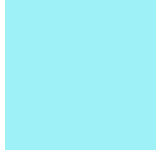
Protanomaly

199, 219, 234



Deuteranomaly

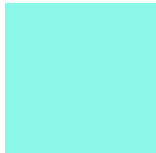
206, 219, 236



Tritanomaly

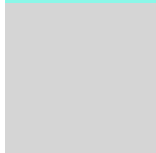
158, 201, 247

Monochromacy



Original Color

139, 197, 247



Achromatopsia

213, 213, 213



Achromatomaly

186, 207, 225

CSS Examples

Text

The CSS property to change the color of the text to RYB 139, 197, 247 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, 247, 232)` looks like.

```
.text, #text, p{  
    color:rgb(139, 247, 232)  
}
```

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, 247, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 247, 232) }
```

Border

The CSS property to change the border of an element to RYB 139, 197, 247 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, 247, 232) }
```

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

```
.border{ border-color:rgb(139, 247, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 247, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 247, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 247, 232);  
box-shadow:4px 4px 4px 4px rgb(139, 247,  
232) }
```

Background

The CSS property to change the background color of an element to RGB 139, 197, 247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 247, 232) }
```

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

```
.background{ background-color: rgb(139,  
247, 232) }
```

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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