

Converting Colors

`RYB(140, 209, 251)`

Have a look what the booklet for
RYB(140, 209, 251) contains.

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Color

R_YB(140, 209, 251)

Conversions

Conversions Part 1

Format	Color
Hex	8CFBD0
RGB	140, 251, 208
RGB Percent	55%, 98%, 82%
CMY	0.4510, 0.0157, 0.1860
CMYK	0.44, 0.00, 0.17, 0.02
HSL	157°, 93%, 77%
HSV	157°, 44%, 98%
XYZ	56.6441, 79.1025, 71.6773
YIQ	212.9090, -52.3530, -36.9050

Conversions

Conversions Part 2

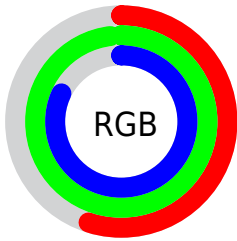
Format	Color
RYB	140, 209, 251
Decimal	9239504
CIELab	91.28, -41.65, 10.98
CIELCh	91, 43.073, 165.225
Yxy	79.1025, 0.2731, 0.3814
Android (android.graphics.Color)	4287429584 (0xFF8CFBD0)
YUV	212.9090, -2.4201, -63.9412
Hunter-Lab	88.9396, -41.9606, 14.4753

Details

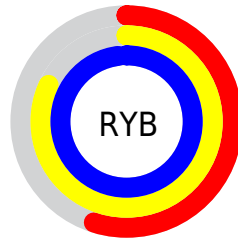
The RYB color **140, 209, 251** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **251, 140, 183**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is **198, 227, 255**, and **82, 150, 194** is the 20% darker color. If you saturate the color by 10%, you get **115, 199, 251**, and if you desaturate by 10%, it is **165, 219, 251**.

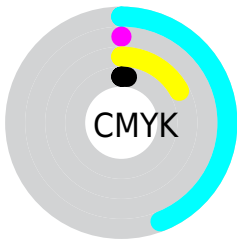
Distribution



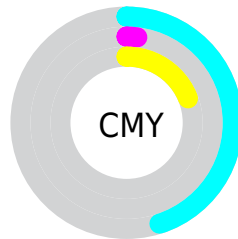
- Red (55%)
- Green (98%)
- Blue (82%)



- Red (55%)
- Yellow (82%)
- Blue (98%)



- Cyan (44%)
- Magenta (0%)
- Yellow (17%)
- Black (2%)



- Cyan (45%)
- Magenta (2%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the RYB color 140, 209, 251 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 140, 209, 251 by changing the saturation by 10% instead.


 140, 209, 251

 140, 209, 251


255, 255, 255

 111, 179, 222

 198, 227, 255

 82, 151, 194

 228, 242, 255


 50, 120, 166

 0, 80, 139

 0, 67, 113

 0, 54, 88

 0, 42, 64

 0, 33, 42


 0, 9, 9

 140, 209, 251


 140, 209, 251

 115, 199, 251


 165, 219, 251

 90, 190, 251


 190, 228, 251

 65, 181, 251

 215, 237, 251

 40, 171, 251

 240, 247, 251

 15, 162, 251

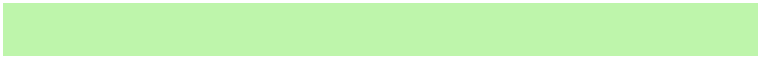
 255, 251, 255

 0, 156, 251

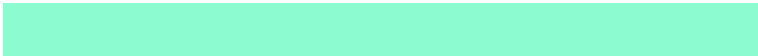
Harmonies

Analogous

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



171, 245, 226



140, 209, 251



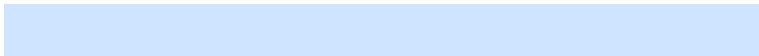
92, 173, 252

Triad

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



140, 209, 251



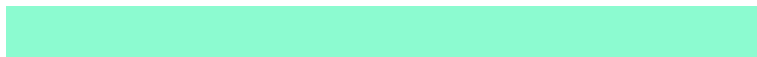
206, 221, 255



255, 231, 173

Complementary

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



140, 209, 251



251, 140, 183

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, 199, 210



140, 209, 251



255, 212, 255

Square

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



140, 209, 251



140, 193, 255



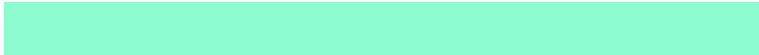
255, 201, 252



203, 255, 150

Rectangle

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



140, 209, 251



79, 166, 255



255, 201, 252



255, 210, 184

Sweetspot

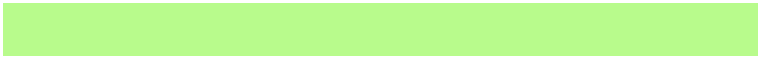
The Sweet Spot groups the original color and five complimentary colors.



140, 209, 251



222, 243, 255



140, 251, 207



107, 120, 128



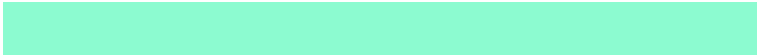
0, 0, 0



128, 128, 128

Same Dimension

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



140, 209, 251



120, 204, 255



140, 193, 251



112, 120, 125



0, 118, 189



0, 38, 61

Inverse Universe

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



251, 140, 183



255, 120, 173



251, 152, 140



125, 112, 117



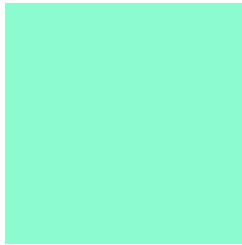
189, 0, 74



61, 0, 24

Previews

White Background



This preview shows how the RYB color 140, 209, 251 looks on a white background.

Color Contrast Check

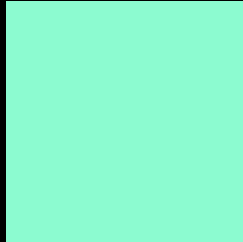
Large Text (above 18pt) WCAG AA × Fail

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 140, 209, 251 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

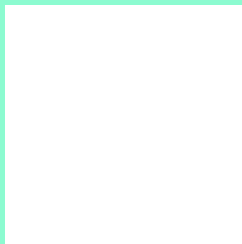
Any Text WCAG AAA ✓ Pass

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

RYB 140, 209, 251 Background



This preview shows how black text looks on a background with the RYB color 140, 209, 251.

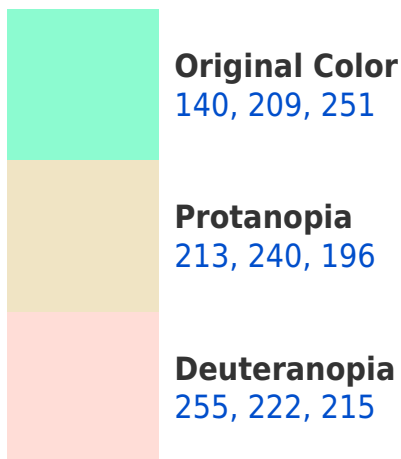


This preview shows how white text looks on a background with the RYB color 140, 209, 251.

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](#).

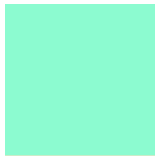
Dichromacy





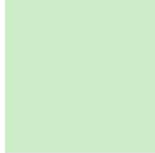
Tritanopia
176, 211, 255

Trichromacy



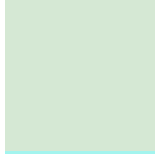
Original Color

140, 209, 251



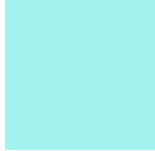
Protanomaly

200, 236, 232



Deuteranomaly

212, 232, 231



Tritanomaly

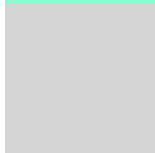
163, 205, 244

Monochromacy



Original Color

140, 209, 251



Achromatopsia

213, 213, 213



Achromatomaly

186, 211, 227

CSS Examples

Text

The CSS property to change the color of the text to RYB 140, 209, 251 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(140, 251, 208)` looks like.

```
.text, #text, p{  
    color:rgb(140, 251, 208)  
}
```

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(140, 251, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 251, 208) }
```

Border

The CSS property to change the border of an element to RYB 140, 209, 251 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(140, 251, 208) }
```

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

```
.border{ border-color:rgb(140, 251, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 251, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 251, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 251, 208);  
box-shadow:4px 4px 4px 4px rgb(140, 251,  
208) }
```

Background

The CSS property to change the background color of an element to RYB 140, 209, 251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 251, 208) }
```

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

```
.background{ background-color: rgb(140,  
251, 208) }
```

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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