

Converting Colors

`RYB(140, 203, 254)`

Have a look what the booklet for
RYB(140, 203, 254) contains.

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Color

R_YB(140, 203, 254)

Conversions

Conversions Part 1

Format	Color
Hex	8CFEE8
RGB	140, 254, 232
RGB Percent	55%, 100%, 91%
CMY	0.4510, 0.0039, 0.0891
CMYK	0.45, 0.00, 0.09, 0.00
HSL	169°, 98%, 77%
HSV	169°, 45%, 100%
XYZ	60.8631, 82.3015, 89.2348
YIQ	217.4060, -60.8820, -31.0100

Conversions

Conversions Part 2

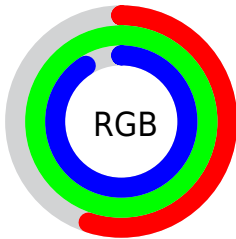
Format	Color
RYB	140, 203, 254
Decimal	9240296
CIELab	92.71, -37.60, 0.26
CIELCh	93, 37.604, 179.598
Yxy	82.3015, 0.2619, 0.3541
Android (android.graphics.Color)	4287430376 (0xFF8CFEE8)
YUV	217.4060, 7.1948, -67.8851
Hunter-Lab	90.7202, -39.0067, 5.1849

Details

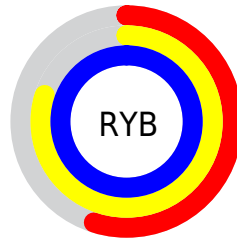
The RYB color **140, 203, 254** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **254, 140, 162**, and the grayscale version is **217, 217, 217**.

A 20% lighter version of the original color is **199, 227, 255**, and **80, 144, 197** is the 20% darker color. If you saturate the color by 10%, you get **115, 192, 254**, and if you desaturate by 10%, it is **165, 214, 254**.

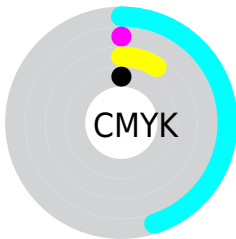
Distribution



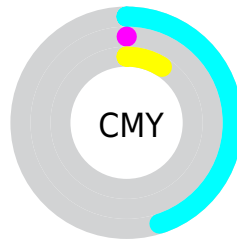
- Red (55%)
- Green (100%)
- Blue (91%)



- Red (55%)
- Yellow (80%)
- Blue (100%)



- Cyan (45%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)



- Cyan (45%)
- Magenta (0%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RYB color 140, 203, 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 140, 203, 254 by changing the saturation by 10% instead.


 140, 203, 254


255, 255, 255


 199, 227, 255

 229, 242, 255

 140, 203, 254

 111, 174, 225

 80, 144, 197

 46, 113, 169

 0, 76, 142

 0, 63, 116

 0, 50, 91


 0, 37, 67

 0, 25, 44


 0, 11, 17

 140, 203, 254


 140, 203, 254

 115, 192, 254


 165, 214, 254

 89, 180, 254


 191, 226, 254

 64, 169, 254

 216, 237, 254

 38, 157, 254

 242, 249, 254

 13, 146, 254

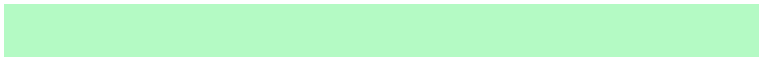
255, 254, 255

 0, 140, 254

Harmonies

Analogous

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



180, 237, 250



140, 203, 254



118, 186, 255

Triad

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



140, 203, 254



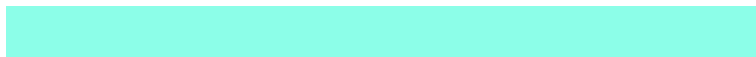
239, 225, 255



237, 255, 173

Complementary

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



140, 203, 254



254, 140, 162

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, 200



140, 203, 254



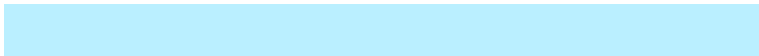
255, 213, 255

Square

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



140, 203, 254



186, 216, 255



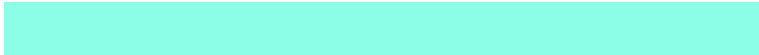
255, 207, 236



193, 255, 162

Rectangle

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



140, 203, 254



126, 189, 255



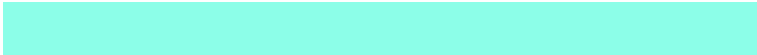
255, 207, 236



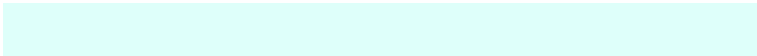
255, 249, 180

Sweetspot

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



140, 203, 254



222, 240, 255



140, 254, 231



107, 119, 128



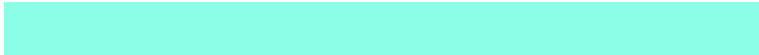
0, 0, 0



128, 128, 128

Same Dimension

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



140, 203, 254



117, 193, 255



140, 187, 254



115, 122, 128



0, 105, 191



0, 35, 64

Inverse Universe

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



254, 140, 162



255, 117, 144



254, 188, 140



128, 115, 117



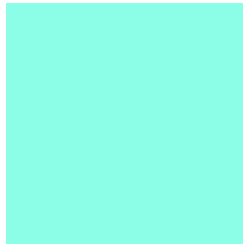
191, 0, 36



64, 0, 12

Previews

White Background



This preview shows how the RYB color 140, 203, 254 looks on a white background.

Color Contrast Check

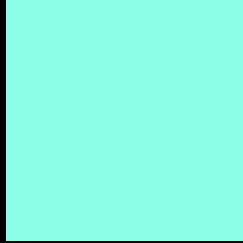
Large Text (above 18pt) WCAG AA × Fail

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 140, 203, 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

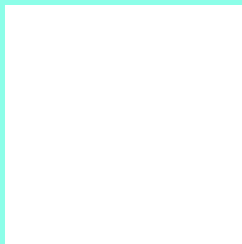
Any Text WCAG AAA ✓ Pass

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

R Y B 140, 203, 254 Background



This preview shows how black text looks on a background with the RYB color 140, 203, 254.



This preview shows how white text looks on a background with the RYB color 140, 203, 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





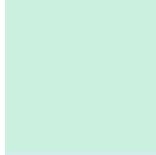
Tritanopia
189, 218, 255

Trichromacy



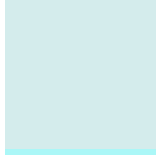
Original Color

140, 203, 254



Protanomaly

204, 227, 240



Deuteranomaly

212, 224, 236



Tritanomaly

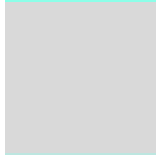
171, 209, 247

Monochromacy



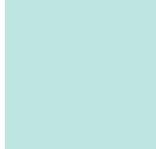
Original Color

140, 203, 254



Achromatopsia

217, 217, 217



Achromatomaly

189, 211, 230

CSS Examples

Text

The CSS property to change the color of the text to RYB 140, 203, 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(140, 254, 232)` looks like.

```
.text, #text, p{  
    color:rgb(140, 254, 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(140, 254, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 254, 232) }
```

Border

The CSS property to change the border of an element to RYB 140, 203, 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(140, 254, 232) }
```

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

```
.border{ border-color:rgb(140, 254, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 254, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 254, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 254, 232);  
box-shadow:4px 4px 4px 4px rgb(140, 254,  
232) }
```

Background

The CSS property to change the background color of an element to RYB 140, 203, 254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 254, 232) }
```

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

```
.background{ background-color: rgb(140,  
254, 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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