

Converting Colors

`RYB(199, 226, 254)`

Have a look what the booklet for
RYB(199, 226, 254) contains.

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Color

RYB(199, 226, 254)

Conversions

Conversions Part 1

Format	Color
Hex	C7FCFE
RGB	199, 252, 254
RGB Percent	78%, 99%, 100%
CMY	0.2196, 0.0116, 0.0039
CMYK	0.22, 0.01, 0.00, 0.00
HSL	182°, 96%, 89%
HSV	182°, 22%, 100%
XYZ	76.2642, 88.9411, 106.9137
YIQ	236.3810, -32.2300, -10.6140

Conversions

Conversions Part 2

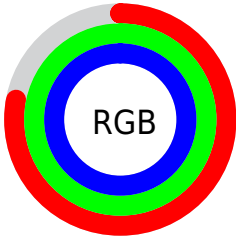
Format	Color
R_{YB}	199, 226, 254
Decimal	13106430
CIE _{Lab}	95.56, -16.22, -6.45
CIE _{LCh}	96, 17.459, 201.678
Y _{xy}	88.9411, 0.2803, 0.3268
Android (android.graphics.Color)	4291296510 (0xFFC7FCFE)
Y_{UV}	236.3810, 8.6862, -32.7831
Hunter-Lab	94.3086, -20.6931, -1.1986

Details

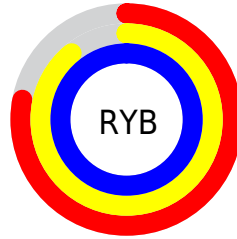
The RYB color **199, 226, 254** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **254, 201, 199**, and the grayscale version is **236, 236, 236**.

A 20% lighter version of the original color is **255, 255, 255**, and **144, 170, 197** is the 20% darker color. If you saturate the color by 10%, you get **174, 213, 254**, and if you desaturate by 10%, it is **224, 239, 254**.

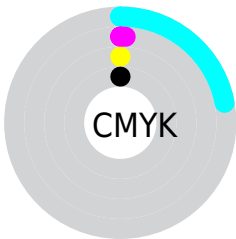
Distribution



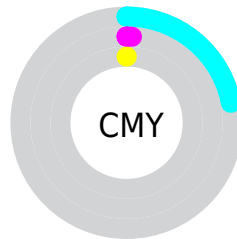
- Red (78%)
- Green (99%)
- Blue (100%)



- Red (78%)
- Yellow (89%)
- Blue (100%)



- Cyan (22%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the RYB color 199, 226, 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 199, 226, 254 by changing the saturation by 10% instead.

 199, 226, 254


255, 255, 255

 199, 226, 254

 171, 197, 225

 144, 170, 197

 117, 143, 170


 91, 117, 144

 66, 91, 118

 40, 66, 93

 12, 40, 70

 0, 23, 48

 0, 13, 27

■ 199, 226, 254

■ 199, 226, 254

■ 174, 213, 254

■ 224, 239, 254

■ 148, 200, 254

■ 250, 252, 254

■ 123, 187, 254

254, 255, 254

■ 97, 174, 254

■ 72, 161, 254

■ 47, 149, 254

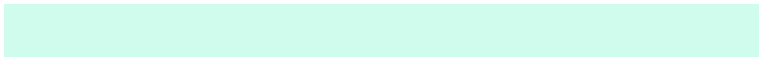
■ 21, 135, 254

■ 0, 125, 254

Harmonies

Analogous

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



207, 234, 252



199, 226, 254



203, 228, 255

Triad

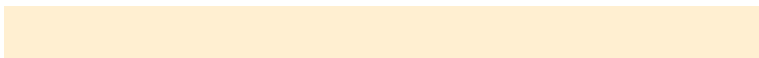
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



199, 226, 254



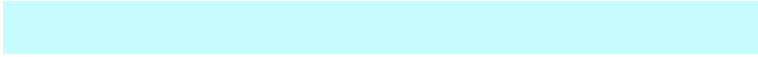
255, 234, 255



234, 255, 209

Complementary

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



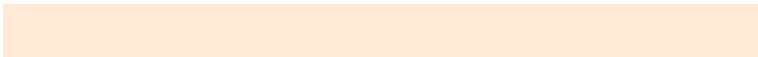
199, 226, 254



254, 201, 199

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, 249, 216



199, 226, 254



255, 231, 248

Square

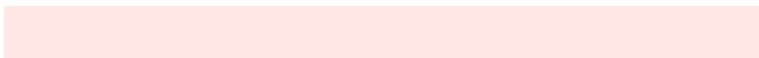
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



199, 226, 254



240, 239, 255



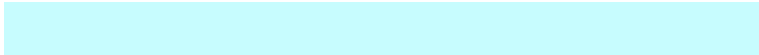
255, 231, 230



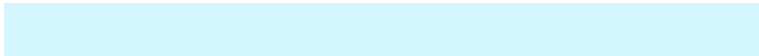
211, 245, 213

Rectangle

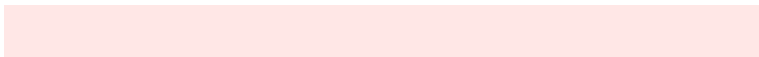
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



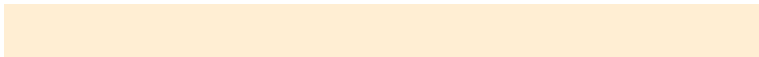
199, 226, 254



212, 231, 255



255, 231, 230



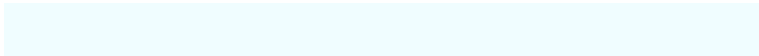
239, 255, 211

Sweetspot

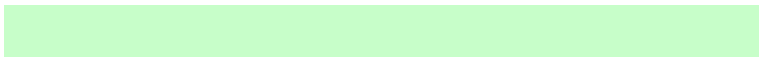
The Sweet Spot groups the original color and five complimentary colors.



199, 226, 254



240, 247, 255



199, 252, 254



119, 123, 128



0, 0, 0



128, 128, 128

Same Dimension

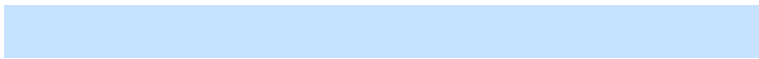
The Same Dimension uses a secret algorithm to generate beautiful new colors.



199, 226, 254



189, 221, 255



199, 217, 254



115, 121, 128



0, 94, 191



0, 31, 64

Inverse Universe

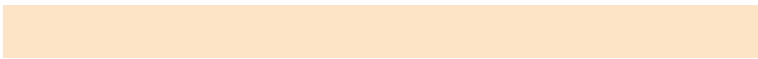
The Inverse Universe completely reimagines the original color for something new.



254, 199, 252



255, 189, 253



248, 254, 199



128, 115, 127



191, 0, 184



64, 0, 61

Previews

White Background



This preview shows how the RYB color 199, 226, 254 looks on a white background.

Color Contrast Check

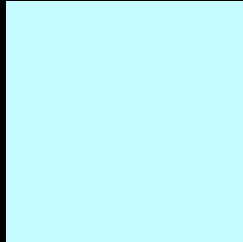
Large Text (above 18pt) WCAG AA × Fail

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 199, 226, 254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

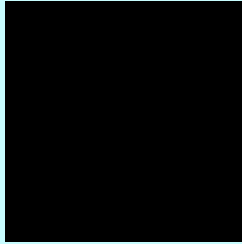
Any Text WCAG AA ✓ Pass

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 199, 226, 254 Background



This preview shows how black text looks on a background with the RYB color 199, 226, 254.

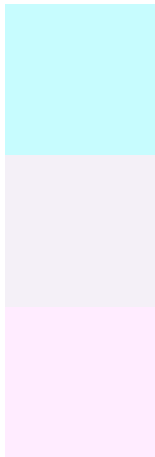


This preview shows how white text looks on a background with the RYB color 199, 226, 254.

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



Original Color
199, 226, 254

Protanopia
244, 240, 247

Deuteranopia
255, 236, 255



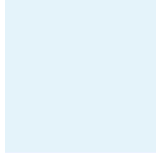
Tritanopia
224, 237, 255

Trichromacy



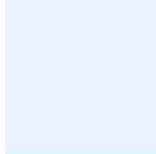
Original Color

199, 226, 254



Protanomaly

228, 237, 250



Deuteranomaly

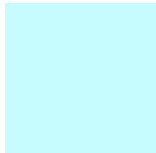
235, 240, 255



Tritanomaly

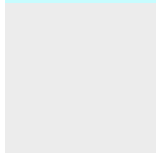
215, 233, 255

Monochromacy



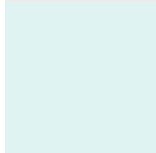
Original Color

199, 226, 254



Achromatopsia

236, 236, 236



Achromatomaly

223, 233, 243

CSS Examples

Text

The CSS property to change the color of the text to RYB 199, 226, 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(199, 252, 254)` looks like.

```
.text, #text, p{  
    color:rgb(199, 252, 254)  
}
```

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(199, 252, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 252, 254) }
```

Border

The CSS property to change the border of an element to RYB 199, 226, 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(199, 252, 254) }
```

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

```
.border{ border-color:rgb(199, 252, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 252, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 252, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 252, 254);  
box-shadow:4px 4px 4px 4px rgb(199, 252,  
254) }
```

Background

The CSS property to change the background color of an element to RYB 199, 226, 254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 252, 254) }
```

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

```
.background{ background-color: rgb(199,  
252, 254) }
```

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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