

Converting Colors

`RYB(195, 226, 255)`

Have a look what the booklet for
RYB(195, 226, 255) contains.

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Color

R_YB(195, 226, 255)

Conversions

Conversions Part 1

Format	Color
Hex	C3FFFB
RGB	195, 255, 251
RGB Percent	76%, 100%, 98%
CMY	0.2353, 0.0000, 0.0152
CMYK	0.24, 0.00, 0.02, 0.00
HSL	176°, 100%, 88%
HSV	176°, 24%, 100%
XYZ	75.6986, 90.0953, 104.7739
YIQ	236.6040, -34.4760, -13.9640

Conversions

Conversions Part 2

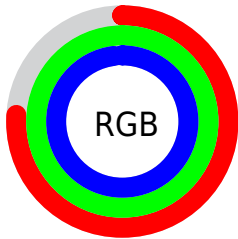
Format	Color
RYB	195, 226, 255
Decimal	12845051
CIELab	96.04, -19.45, -4.29
CIELCh	96, 19.914, 192.428
Yxy	90.0953, 0.2798, 0.3330
Android (android.graphics.Color)	4291035131 (0xFFC3FFFB)
YUV	236.6040, 7.0972, -36.4867
Hunter-Lab	94.9185, -23.7516, 0.9969

Details

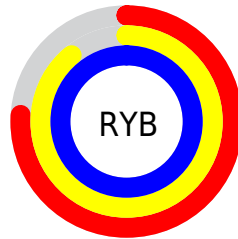
The RYB color **195, 226, 255** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **255, 195, 199**, and the grayscale version is **237, 237, 237**.

A 20% lighter version of the original color is **253, 254, 255**, and **140, 170, 198** is the 20% darker color. If you saturate the color by 10%, you get **170, 214, 255**, and if you desaturate by 10%, it is **220, 238, 255**.

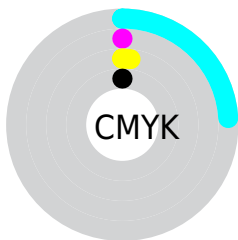
Distribution



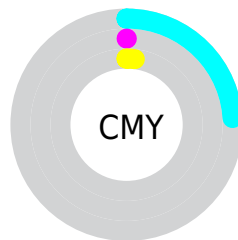
- Red (76%)
- Green (100%)
- Blue (98%)



- Red (76%)
- Yellow (89%)
- Blue (100%)



- Cyan (24%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)



- Cyan (24%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RYB color 195, 226, 255 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 195, 226, 255 by changing the saturation by 10% instead.


 195, 226, 255

255, 255, 255


253, 254, 255

 195, 226, 255

 167, 197, 226


 140, 170, 198

 113, 143, 171


 87, 116, 144

 61, 90, 118

 35, 65, 93

 1, 36, 70

 0, 24, 47

 0, 15, 28

■ 195, 226, 255

■ 195, 226, 255

■ 170, 214, 255

■ 220, 238, 255

■ 144, 201, 255

■ 246, 251, 255

■ 119, 189, 255

■ 255, 255, 255

■ 93, 177, 255

■ 67, 164, 255

■ 42, 152, 255

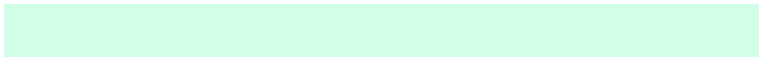
■ 16, 139, 255

■ 0, 132, 255

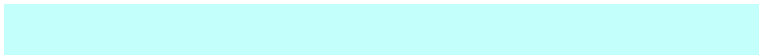
Harmonies

Analogous

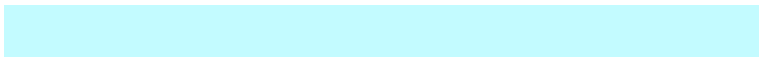
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



208, 239, 254



195, 226, 255



195, 224, 255

Triad

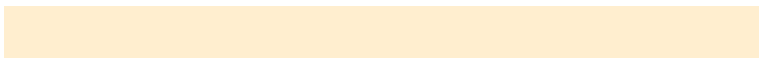
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



195, 226, 255



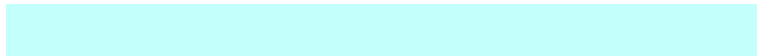
255, 236, 255



233, 255, 207

Complementary

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



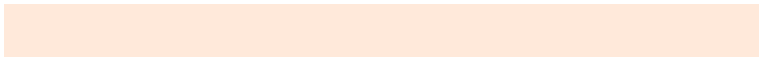
195, 226, 255



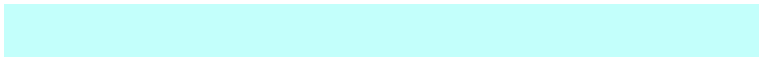
255, 195, 199

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, 243, 218



195, 226, 255



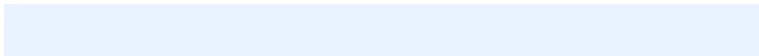
255, 232, 255

Square

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



195, 226, 255



233, 240, 255



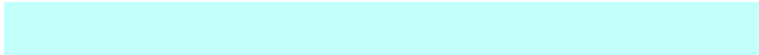
255, 230, 236



213, 251, 206

Rectangle

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



195, 226, 255



203, 228, 255



255, 230, 236



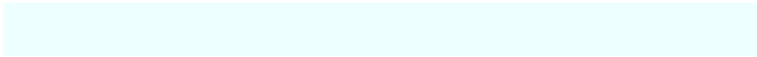
243, 255, 210

Sweetspot

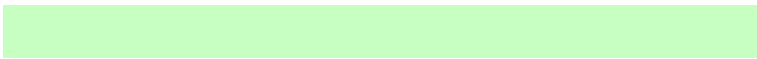
The Sweet Spot groups the original color and five complimentary colors.



195, 226, 255



237, 246, 255



195, 255, 251



117, 123, 128



0, 0, 0



128, 128, 128

Same Dimension

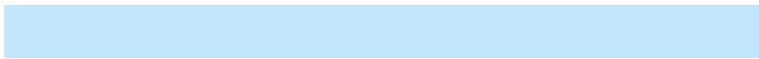
The Same Dimension uses a secret algorithm to generate beautiful new colors.



195, 226, 255



184, 221, 255



195, 217, 255



115, 122, 128



0, 99, 191



0, 33, 64

Inverse Universe

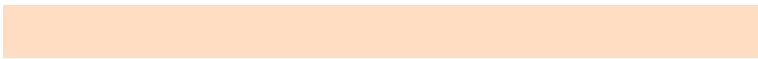
The Inverse Universe completely reimagines the original color for something new.



255, 195, 199



255, 184, 188



255, 241, 195



128, 115, 116



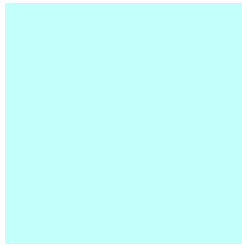
191, 0, 12



64, 0, 4

Previews

White Background



This preview shows how the RYB color 195, 226, 255 looks on a white background.

Color Contrast Check

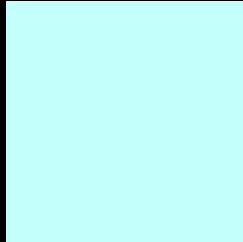
Large Text (above 18pt) WCAG AA × Fail

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 195, 226, 255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

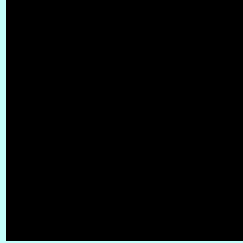
Any Text WCAG AA ✓ Pass

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 195, 226, 255 Background



This preview shows how black text looks on a background with the RYB color 195, 226, 255.

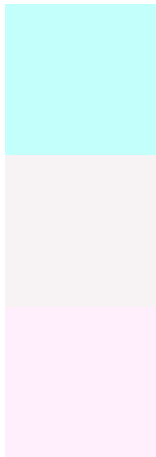


This preview shows how white text looks on a background with the RYB color 195, 226, 255.

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
195, 226, 255

Protanopia
247, 242, 243

Deuteranopia
255, 238, 251



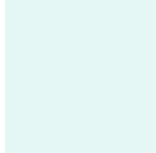
Tritanopia
227, 239, 255

Trichromacy



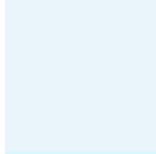
Original Color

195, 226, 255



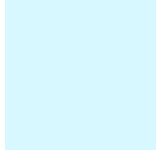
Protanomaly

228, 238, 247



Deuteranomaly

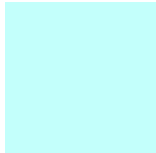
233, 240, 251



Tritanomaly

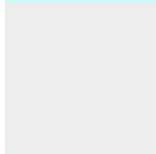
215, 233, 254

Monochromacy



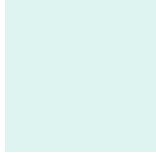
Original Color

195, 226, 255



Achromatopsia

237, 237, 237



Achromatomaly

222, 234, 244

CSS Examples

Text

The CSS property to change the color of the text to RYB 195, 226, 255 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(195, 255, 251)` looks like.

```
.text, #text, p{  
    color:rgb(195, 255, 251)  
}
```

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(195, 255, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 255, 251) }
```

Border

The CSS property to change the border of an element to RYB 195, 226, 255 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(195, 255, 251) }
```

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

```
.border{ border-color:rgb(195, 255, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 255, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 255, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 255, 251);  
box-shadow:4px 4px 4px 4px rgb(195, 255,  
251) }
```

Background

The CSS property to change the background color of an element to RYB 195, 226, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 255, 251) }
```

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

```
.background{ background-color: rgb(195,  
255, 251) }
```

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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