

Converting Colors

`RYB(197, 226, 250)`

Have a look what the booklet for
RYB(197, 226, 250) contains.

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Color

R_YB(197, 226, 250)

Conversions

Conversions Part 1

Format	Color
Hex	C5FAF1
RGB	197, 250, 241
RGB Percent	77%, 98%, 95%
CMY	0.2275, 0.0196, 0.0554
CMYK	0.21, 0.00, 0.04, 0.02
HSL	170°, 84%, 88%
HSV	170°, 21%, 98%
XYZ	73.0681, 86.5842, 95.9724
YIQ	233.1270, -28.6990, -14.0350

Conversions

Conversions Part 2

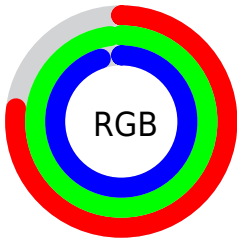
Format	Color
RYB	197, 226, 250
Decimal	12974833
CIELab	94.56, -18.52, -1.14
CIELCh	95, 18.557, 183.513
Yxy	86.5842, 0.2858, 0.3387
Android (android.graphics.Color)	4291164913 (0xFFC5FAF1)
YUV	233.1270, 3.8814, -31.6834
Hunter-Lab	93.0506, -22.6711, 3.9837

Details

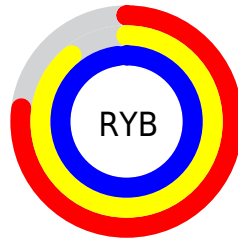
The RYB color **197, 226, 250** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **250, 197, 206**, and the grayscale version is **233, 233, 233**.

A 20% lighter version of the original color is 254, 255, 255, and **142, 170, 193** is the 20% darker color. If you saturate the color by 10%, you get **172, 215, 250**, and if you desaturate by 10%, it is **222, 237, 250**.

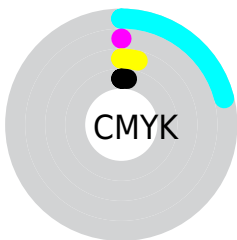
Distribution



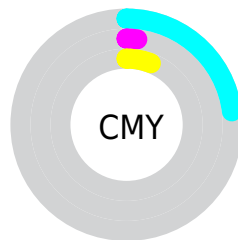
- Red (77%)
- Green (98%)
- Blue (95%)



- Red (77%)
- Yellow (89%)
- Blue (98%)



- Cyan (21%)
- Magenta (0%)
- Yellow (4%)
- Black (2%)



- Cyan (23%)
- Magenta (2%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the RYB color 197, 226, 250 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 197, 226, 250 by changing the saturation by 10% instead.

 197, 226, 250

 197, 226, 250


255, 255, 255

 169, 197, 221

254, 255, 255

 142, 170, 193

 116, 143, 166


 90, 117, 140

 65, 91, 114

 40, 66, 89

 13, 41, 66

 0, 23, 43

 0, 15, 25

 197, 226, 250


 197, 226, 250

 172, 215, 250


 222, 237, 250

 147, 203, 250


 247, 249, 250


 122, 192, 250


 255, 250, 254


 97, 181, 250

 255, 250, 255

 72, 169, 250

 47, 158, 250

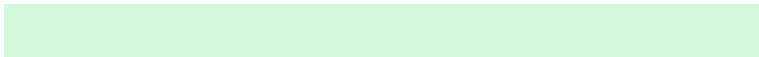
 22, 147, 250

 0, 137, 250

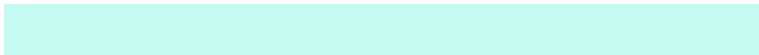
Harmonies

Analogous

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



212, 240, 248



197, 226, 250



193, 222, 255

Triad

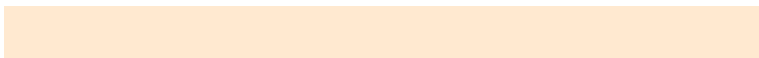
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



197, 226, 250



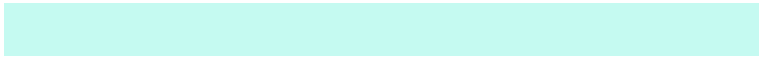
246, 234, 255



249, 255, 208

Complementary

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



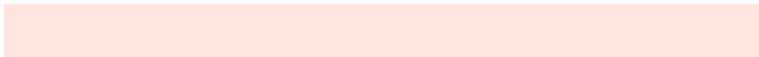
197, 226, 250



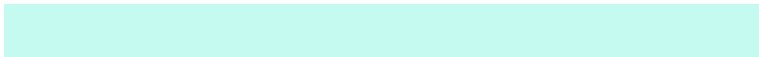
250, 197, 206

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, 232, 220



197, 226, 250



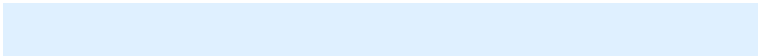
255, 229, 255

Square

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



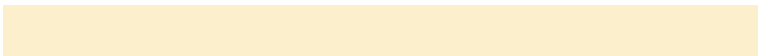
197, 226, 250



223, 234, 255



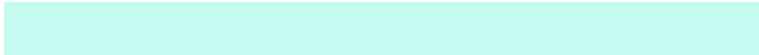
255, 227, 238



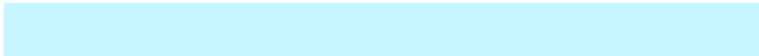
222, 252, 204

Rectangle

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



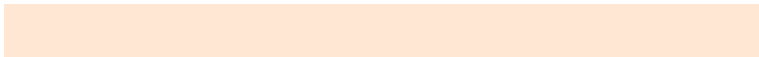
197, 226, 250



198, 224, 255



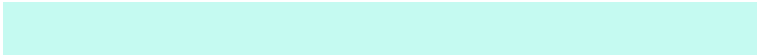
255, 227, 238



255, 248, 211

Sweetspot

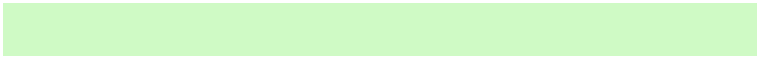
The Sweet Spot groups the original color and five complimentary colors.



197, 226, 250



240, 248, 255



197, 250, 240



119, 124, 128



0, 0, 0



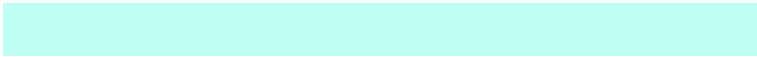
128, 128, 128

Same Dimension

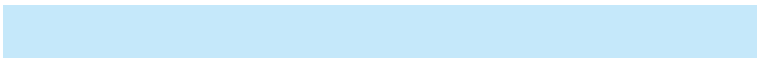
The Same Dimension uses a secret algorithm to generate beautiful new colors.



197, 226, 250



191, 226, 255



197, 218, 250



112, 119, 125



0, 104, 189



0, 33, 61

Inverse Universe

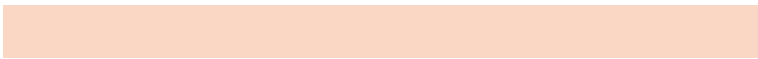
The Inverse Universe completely reimagines the original color for something new.



250, 197, 206



255, 191, 202



250, 222, 197



125, 112, 115



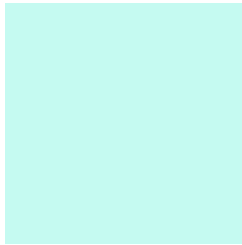
189, 0, 33



61, 0, 11

Previews

White Background



This preview shows how the RYB color 197, 226, 250 looks on a white background.

Color Contrast Check

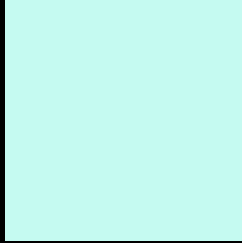
Large Text (above 18pt) WCAG AA × Fail

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 197, 226, 250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

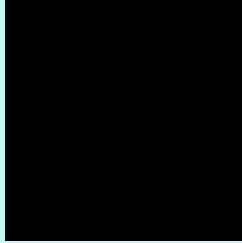
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

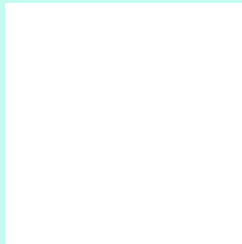
Any Text WCAG AAA ✓ Pass

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

RYB 197, 226, 250 Background



This preview shows how black text looks on a background with the RYB color 197, 226, 250.



This preview shows how white text looks on a background with the RYB color 197, 226, 250.

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





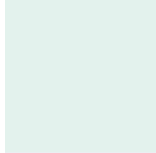
Tritanopia
218, 233, 255

Trichromacy



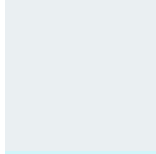
Original Color

197, 226, 250



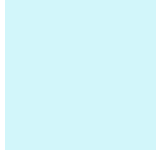
Protanomaly

227, 236, 242



Deuteranomaly

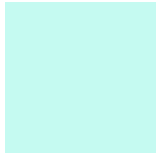
234, 237, 242



Tritanomaly

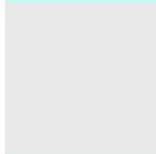
210, 229, 250

Monochromacy



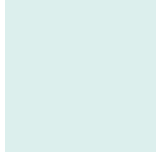
Original Color

197, 226, 250



Achromatopsia

233, 233, 233



Achromatomaly

220, 230, 239

CSS Examples

Text

The CSS property to change the color of the text to RYB 197, 226, 250 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(197, 250, 241)` looks like.

```
.text, #text, p{  
    color:rgb(197, 250, 241)  
}
```

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(197, 250, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 250, 241) }
```

Border

The CSS property to change the border of an element to RYB 197, 226, 250 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(197, 250, 241) }
```

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

```
.border{ border-color:rgb(197, 250, 241) }
```

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

Here you see how a box with a 4 pixel rgb(197, 250, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 250, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 250, 241);  
box-shadow:4px 4px 4px 4px rgb(197, 250,  
241) }
```

Background

The CSS property to change the background color of an element to RYB 197, 226, 250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 250, 241) }
```

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

```
.background{ background-color: rgb(197,  
250, 241) }
```

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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