

Converting Colors

`RYB(193, 255, 252)`

Have a look what the booklet for
RYB(193, 255, 252) contains.

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Color

R_YB(193, 255, 252)

Conversions

Conversions Part 1

Format	Color
Hex	C4FFC1
RGB	196, 255, 193
RGB Percent	77%, 100%, 76%
CMY	0.2314, 0.0000, 0.2431
CMYK	0.23, 0.00, 0.24, 0.00
HSL	117°, 100%, 88%
HSV	117°, 24%, 100%
XYZ	68.1506, 87.1060, 63.6733
YIQ	230.2910, -15.2620, -31.7900

Conversions

Conversions Part 2

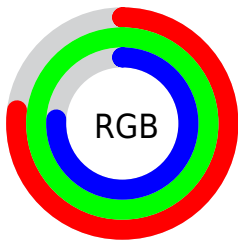
Format	Color
RYB	193, 255, 252
Decimal	12910529
CIELab	94.78, -29.99, 23.76
CIELCh	95, 38.262, 141.617
Yxy	87.1060, 0.3113, 0.3979
Android (android.graphics.Color)	4291100609 (0xFFC4FFC1)
YUV	230.2910, -18.3845, -30.0732
Hunter-Lab	93.3306, -32.9867, 24.8818

Details

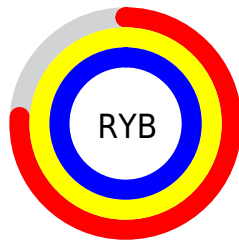
The RYB color **193, 255, 252** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **252, 193, 255**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is **250, 255, 252**, and **139, 198, 196** is the 20% darker color. If you saturate the color by 10%, you get **168, 255, 251**, and if you desaturate by 10%, it is **219, 255, 254**.

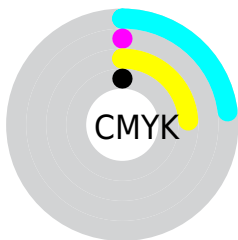
Distribution



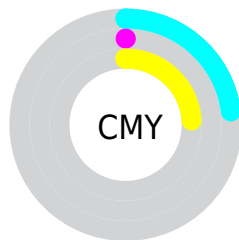
- Red (77%)
- Green (100%)
- Blue (76%)



- Red (76%)
- Yellow (100%)
- Blue (99%)



- Cyan (23%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)



- Cyan (23%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 193, 255, 252 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 193, 255, 252 by changing the saturation by 10% instead.

 193, 255, 252

255, 255, 255


 250, 255, 252


 193, 255, 252

 166, 226, 224

 139, 198, 196

 113, 171, 169

 89, 144, 144

 63, 116, 118

 38, 89, 93

 9, 60, 69

 0, 46, 46

 0, 25, 25

■ 193, 255, 252

■ 193, 255, 252

■ 168, 255, 251

■ 219, 255, 254

■ 142, 255, 250

■ 244, 255, 254

■ 117, 255, 249

255, 255, 255

■ 91, 255, 247

■ 66, 255, 246

■ 40, 255, 245

■ 15, 255, 244

■ 0, 255, 243

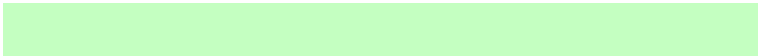
Harmonies

Analogous

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



171, 246, 179



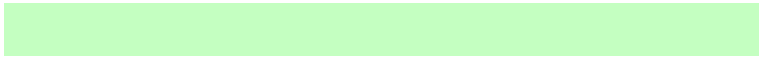
193, 255, 252



154, 212, 255

Triad

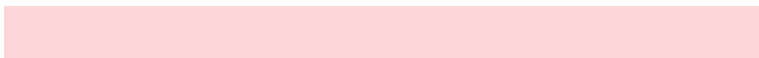
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



193, 255, 252



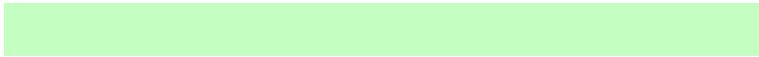
177, 214, 255



255, 214, 215

Complementary

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



193, 255, 252



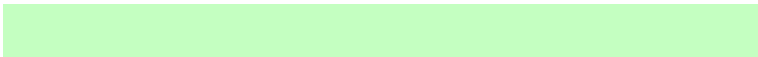
252, 193, 255

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, 213, 252



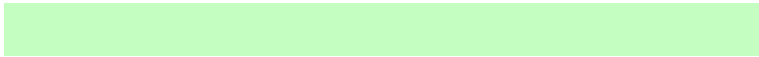
193, 255, 252



231, 234, 255

Square

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



193, 255, 252



132, 194, 255



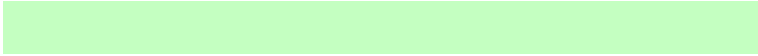
255, 222, 255



244, 255, 183

Rectangle

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



193, 255, 252



131, 193, 255



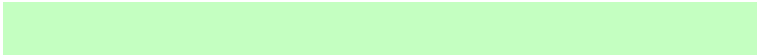
255, 222, 255



255, 213, 227

Sweetspot

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



193, 255, 252



237, 255, 254



196, 255, 193



117, 128, 127



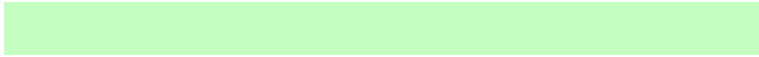
0, 0, 0



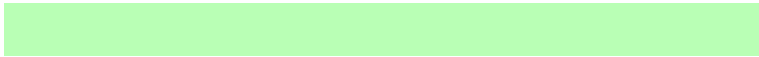
128, 128, 128

Same Dimension

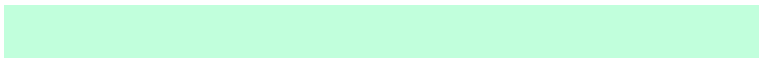
The Same Dimension uses a secret algorithm to generate beautiful new colors.



193, 255, 252



181, 255, 251



193, 236, 255



115, 128, 128



0, 191, 182



0, 64, 61

Inverse Universe

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



252, 193, 255



251, 181, 255



255, 193, 227



127, 115, 128



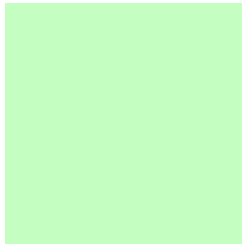
182, 0, 191



61, 0, 64

Previews

White Background



This preview shows how the RYB color 193, 255, 252 looks on a white background.

Color Contrast Check

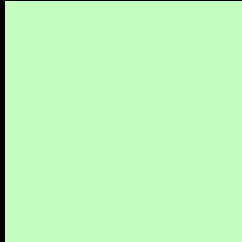
Large Text (above 18pt) WCAG AA × Fail

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 193, 255, 252 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 193, 255, 252 Background



This preview shows how black text looks on a background with the RYB color 193, 255, 252.



This preview shows how white text looks on a background with the RYB color 193, 255, 252.

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

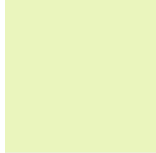
222, 235, 255

Trichromacy



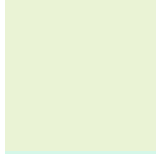
Original Color

193, 255, 252



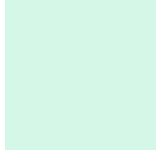
Protanomaly

189, 245, 200



Deuteranomaly

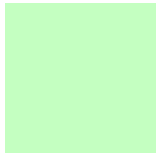
213, 243, 222



Tritanomaly

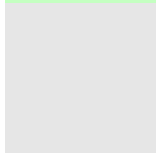
213, 235, 247

Monochromacy



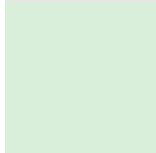
Original Color

193, 255, 252



Achromatopsia

230, 230, 230



Achromatomaly

217, 239, 238

CSS Examples

Text

The CSS property to change the color of the text to RYB 193, 255, 252 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(196, 255, 193)` looks like.

```
.text, #text, p{  
    color:rgb(196, 255, 193)  
}
```

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(196, 255, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 255, 193) }
```

Border

The CSS property to change the border of an element to RYB 193, 255, 252 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(196, 255, 193) }
```

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

```
.border{ border-color:rgb(196, 255, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 255, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 255, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 255, 193);  
box-shadow:4px 4px 4px 4px rgb(196, 255,  
193) }
```

Background

The CSS property to change the background color of an element to RYB 193, 255, 252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 255, 193) }
```

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

```
.background{ background-color: rgb(196,  
255, 193) }
```

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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