

Converting Colors

`RYB(193, 245, 255)`

Have a look what the booklet for
RYB(193, 245, 255) contains.

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Color

R_YB(193, 245, 255)

Conversions

Conversions Part 1

Format	Color
Hex	C1FFCD
RGB	193, 255, 205
RGB Percent	76%, 100%, 80%
CMY	0.2431, 0.0000, 0.1964
CMYK	0.24, 0.00, 0.20, 0.00
HSL	132°, 100%, 88%
HSV	132°, 24%, 100%
XYZ	68.7625, 87.2615, 70.9279
YIQ	230.7620, -20.9020, -28.6940

Conversions

Conversions Part 2

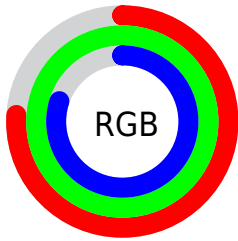
Format	Color
R _{YB}	193, 245, 255
Decimal	12713933
CIE _{Lab}	94.85, -28.94, 17.75
CIE _{LCh}	95, 33.949, 148.485
Yxy	87.2615, 0.3030, 0.3845
Android (android.graphics.Color)	4290904013 (0xFFC1FFCD)
YUV	230.7620, -12.7007, -33.1173
Hunter-Lab	93.4139, -32.0794, 20.3716

Details

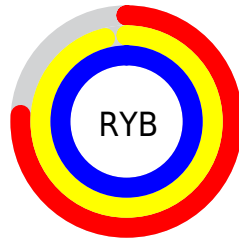
The RYB color **193, 245, 255** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **255, 193, 243**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is **250, 253, 255**, and **138, 187, 198** is the 20% darker color. If you saturate the color by 10%, you get **168, 241, 255**, and if you desaturate by 10%, it is **219, 249, 255**.

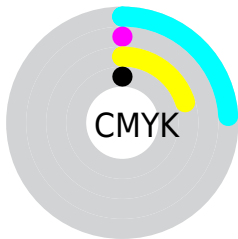
Distribution



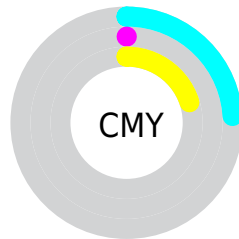
- Red (76%)
- Green (100%)
- Blue (80%)



- Red (76%)
- Yellow (96%)
- Blue (100%)



- Cyan (24%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)



- Cyan (24%)
- Magenta (0%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 193, 245, 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 193, 245, 255 by changing the saturation by 10% instead.

 193, 245, 255

255, 255, 255


 250, 253, 255


 193, 245, 255


 165, 216, 226

 138, 187, 198

 112, 160, 171

 86, 133, 144

 61, 107, 118

 35, 80, 93

 5, 51, 69

 0, 39, 46

 0, 26, 26

■ 193, 245, 255

■ 193, 245, 255

■ 168, 241, 255

■ 219, 249, 255

■ 142, 237, 255

■ 244, 253, 255

■ 117, 233, 255

255, 255, 255

■ 91, 228, 255

■ 66, 225, 255

■ 40, 221, 255

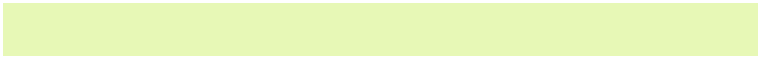
■ 15, 216, 255

■ 0, 214, 255

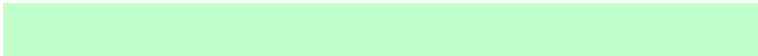
Harmonies

Analogous

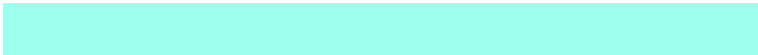
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



182, 248, 199



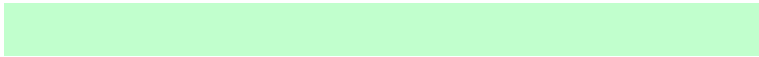
193, 245, 255



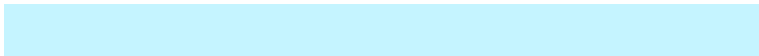
159, 212, 255

Triad

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



193, 245, 255



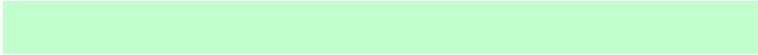
197, 223, 255



255, 220, 210

Complementary

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



193, 245, 255



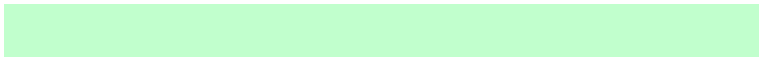
255, 193, 243

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, 216, 243



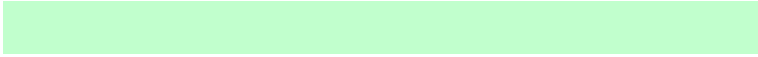
193, 245, 255



243, 232, 255

Square

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



193, 245, 255



156, 205, 255



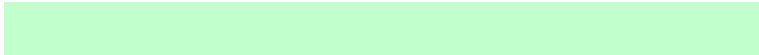
255, 222, 255



232, 255, 185

Rectangle

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



193, 245, 255



144, 200, 255



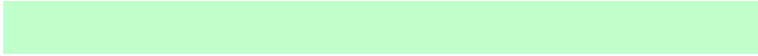
255, 222, 255



255, 217, 221

Sweetspot

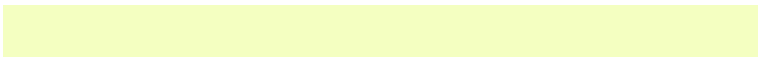
The Sweet Spot groups the original color and five complimentary colors.



193, 245, 255



237, 252, 255



193, 255, 204



117, 126, 128



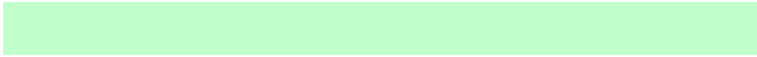
0, 0, 0



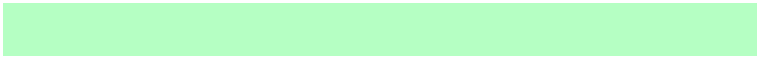
128, 128, 128

Same Dimension

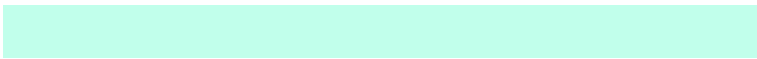
The Same Dimension uses a secret algorithm to generate beautiful new colors.



193, 245, 255



181, 243, 255



193, 230, 255



115, 126, 128



0, 160, 191



0, 54, 64

Inverse Universe

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



255, 193, 243



255, 181, 241



255, 193, 213



128, 115, 125



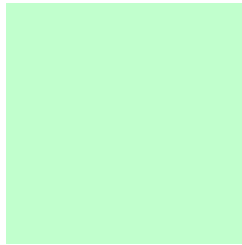
191, 0, 154



64, 0, 51

Previews

White Background



This preview shows how the RYB color 193, 245, 255 looks on a white background.

Color Contrast Check

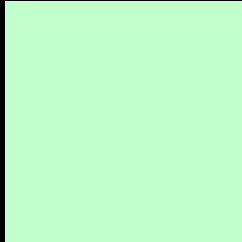
Large Text (above 18pt) WCAG AA × Fail

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 193, 245, 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 193, 245, 255 Background



This preview shows how black text looks on a background with the RYB color 193, 245, 255.

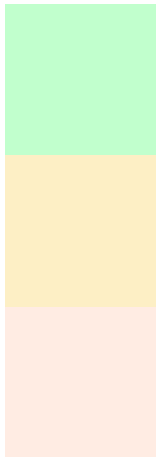


This preview shows how white text looks on a background with the RYB color 193, 245, 255.

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
193, 245, 255

Protanopia
216, 253, 197

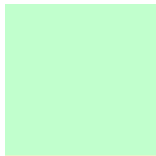
Deuteranopia
255, 240, 227



Tritanopia

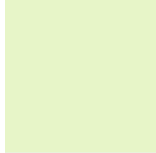
220, 234, 255

Trichromacy



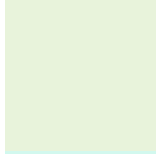
Original Color

193, 245, 255



Protanomaly

200, 245, 214



Deuteranomaly

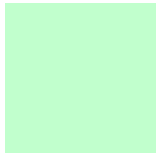
219, 243, 230



Tritanomaly

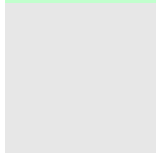
210, 232, 248

Monochromacy



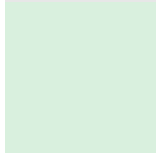
Original Color

193, 245, 255



Achromatopsia

231, 231, 231



Achromatomaly

217, 236, 240

CSS Examples

Text

The CSS property to change the color of the text to RYB 193, 245, 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(193, 255, 205)` looks like.

```
.text, #text, p{  
  color:rgb(193, 255, 205)  
}
```

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(193, 255, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 255, 205) }
```

Border

The CSS property to change the border of an element to RYB 193, 245, 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(193, 255, 205) }
```

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

```
.border{ border-color:rgb(193, 255, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 255, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 255, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 255, 205);  
box-shadow:4px 4px 4px 4px rgb(193, 255,  
205) }
```

Background

The CSS property to change the background color of an element to RYB 193, 245, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 255, 205) }
```

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

```
.background{ background-color: rgb(193,  
255, 205) }
```

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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