

Converting Colors

`RYB(167, 255, 225)`

Have a look what the booklet for
RYB(167, 255, 225) contains.

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Color

R_YB(167, 255, 225)

Conversions

Conversions Part 1

Format	Color
Hex	C5FFA7
RGB	197, 255, 167
RGB Percent	77%, 100%, 65%
CMY	0.2275, 0.0000, 0.3451
CMYK	0.23, 0.00, 0.35, 0.00
HSL	100°, 100%, 83%
HSV	100°, 35%, 100%
XYZ	65.7610, 86.1803, 49.7277
YIQ	227.6260, -6.3200, -39.6640

Conversions

Conversions Part 2

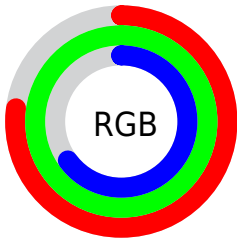
Format	Color
RYB	167, 255, 225
Decimal	12976039
CIELab	94.39, -33.59, 36.31
CIElCh	94, 49.460, 132.772
Yxy	86.1803, 0.3261, 0.4273
Android (android.graphics.Color)	4291166119 (0xFFC5FFA7)
YUV	227.6260, -29.8886, -26.8590
Hunter-Lab	92.8334, -36.0131, 33.2237

Details

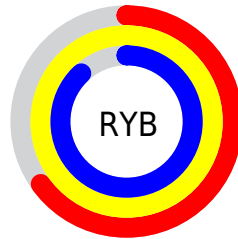
The RYB color **167, 255, 225** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **225, 167, 255**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is **223, 255, 223**, and **114, 198, 170** is the 20% darker color. If you saturate the color by 10%, you get **142, 255, 217**, and if you desaturate by 10%, it is **193, 255, 234**.

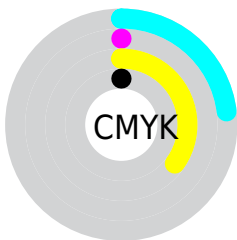
Distribution



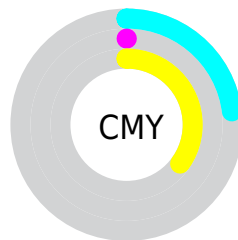
- Red (77%)
- Green (100%)
- Blue (65%)



- Red (65%)
- Yellow (100%)
- Blue (88%)



- Cyan (23%)
- Magenta (0%)
- Yellow (35%)
- Black (0%)



- Cyan (23%)
- Magenta (0%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 167, 255, 225 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 167, 255, 225 by changing the saturation by 10% instead.

 167, 255, 225

255, 255, 255


 223, 255, 223


 252, 255, 252


 167, 255, 225

 140, 226, 197

 114, 198, 170

 89, 171, 145

 64, 144, 119

 40, 118, 95

 14, 93, 71

 0, 69, 64

 0, 46, 46

 0, 24, 24

■ 167, 255, 225

■ 167, 255, 225

■ 142, 255, 217

■ 193, 255, 234

■ 116, 255, 208

■ 218, 255, 242

■ 91, 255, 199

■ 244, 255, 252

■ 65, 255, 190

255, 255, 255

■ 40, 255, 182

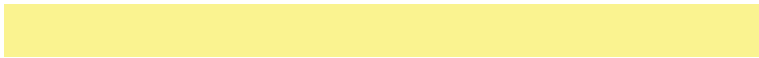
■ 14, 255, 173

■ 0, 255, 168

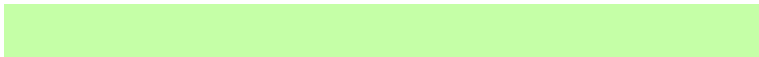
Harmonies

Analogous

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



151, 250, 144



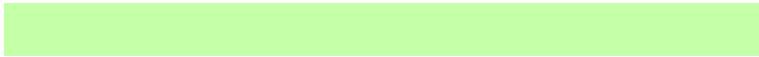
167, 255, 225



136, 210, 255

Triad

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



167, 255, 225



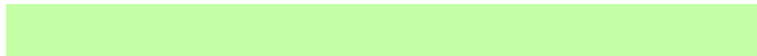
118, 186, 255



255, 202, 220

Complementary

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



167, 255, 225



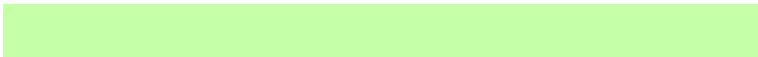
225, 167, 255

Split Complementary

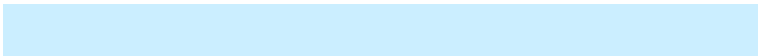
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 205, 255



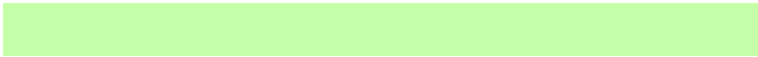
167, 255, 225



203, 224, 255

Square

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



167, 255, 225



16, 136, 255



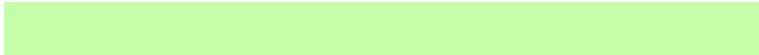
255, 219, 255



255, 239, 176

Rectangle

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



167, 255, 225



89, 175, 255



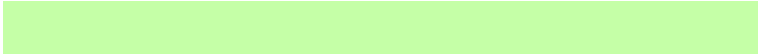
255, 219, 255



255, 201, 236

Sweetspot

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



167, 255, 225



230, 255, 247



215, 255, 167



112, 128, 123



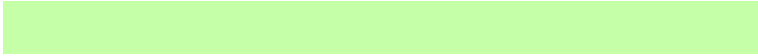
0, 0, 0



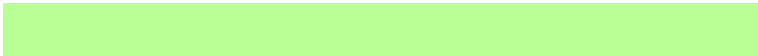
128, 128, 128

Same Dimension

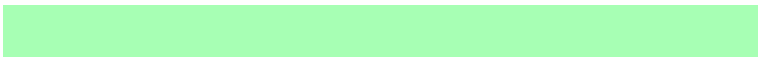
The Same Dimension uses a secret algorithm to generate beautiful new colors.



167, 255, 225



150, 255, 219



167, 244, 255



115, 128, 124



0, 191, 126



0, 64, 42

Inverse Universe

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



225, 167, 255



219, 150, 255



255, 167, 242



123, 115, 128



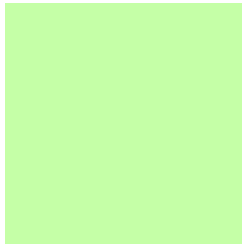
126, 0, 191



42, 0, 64

Previews

White Background



This preview shows how the RYB color 167, 255, 225 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 167, 255, 225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

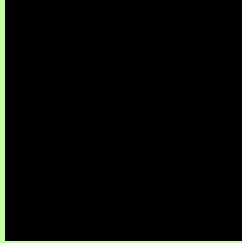
Any Text WCAG AA ✓ Pass

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 167, 255, 225 Background



This preview shows how black text looks on a background with the RYB color 167, 255, 225.

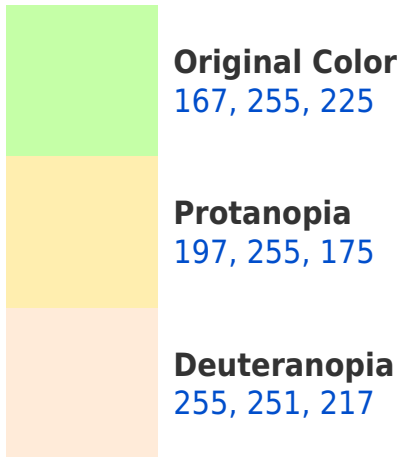


This preview shows how white text looks on a background with the RYB color 167, 255, 225.

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





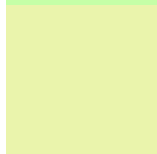
Tritanopia
221, 234, 255

Trichromacy



Original Color

167, 255, 225



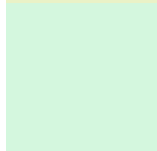
Protanomaly

172, 244, 182



Deuteranomaly

199, 242, 207



Tritanomaly

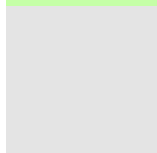
212, 239, 247

Monochromacy



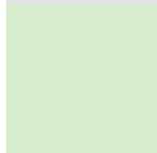
Original Color

167, 255, 225



Achromatopsia

228, 228, 228



Achromatomaly

206, 238, 227

CSS Examples

Text

The CSS property to change the color of the text to RYB 167, 255, 225 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, 255, 167)` looks like.

```
.text, #text, p{  
    color:rgb(197, 255, 167)  
}
```

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, 255, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 255, 167) }
```

Border

The CSS property to change the border of an element to RYB 167, 255, 225 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, 255, 167) }
```

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

```
.border{ border-color:rgb(197, 255, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 255, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 255, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 255, 167);  
box-shadow:4px 4px 4px 4px rgb(197, 255,  
167) }
```

Background

The CSS property to change the background color of an element to RYB 167, 255, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 255, 167) }
```

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

```
.background{ background-color: rgb(197,  
255, 167) }
```

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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