

Converting Colors

`RYB(177, 243, 255)`

Have a look what the booklet for
RYB(177, 243, 255) contains.

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Color

R_YB(177, 243, 255)

Conversions

Conversions Part 1

Format	Color
Hex	B1FFBF
RGB	177, 255, 191
RGB Percent	69%, 100%, 75%
CMY	0.3059, 0.0000, 0.2503
CMYK	0.31, 0.00, 0.25, 0.00
HSL	131°, 100%, 85%
HSV	131°, 31%, 100%
XYZ	63.3155, 84.6367, 62.3946
YIQ	224.3820, -25.9440, -36.4400

Conversions

Conversions Part 2

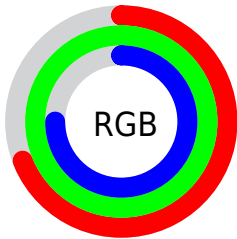
Format	Color
RYB	177, 243, 255
Decimal	11665343
CIELab	93.73, -36.28, 23.06
CIELCh	94, 42.990, 147.558
Yxy	84.6367, 0.3010, 0.4024
Android (android.graphics.Color)	4289855423 (0xFFB1FFBF)
YUV	224.3820, -16.4573, -41.5540
Hunter-Lab	91.9982, -38.1487, 24.1873

Details

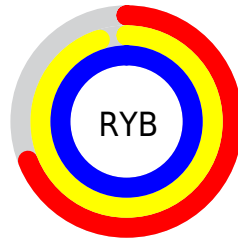
The RYB color **177, 243, 255** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **255, 177, 241**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is **234, 247, 255**, and **122, 185, 198** is the 20% darker color. If you saturate the color by 10%, you get **151, 239, 255**, and if you desaturate by 10%, it is **203, 247, 255**.

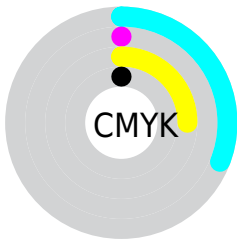
Distribution



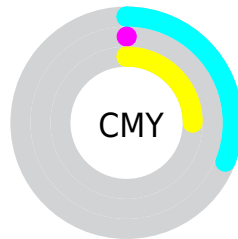
- Red (69%)
- Green (100%)
- Blue (75%)



- Red (69%)
- Yellow (95%)
- Blue (100%)



- Cyan (31%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)



- Cyan (31%)
- Magenta (0%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 177, 243, 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 177, 243, 255 by changing the saturation by 10% instead.


 177, 243, 255


255, 255, 255


 234, 247, 255


 177, 243, 255

 149, 213, 226

 122, 185, 198

 95, 156, 170

 69, 129, 143

 41, 100, 117

 4, 66, 92

 0, 53, 68

 0, 45, 45

 0, 21, 21

■ 177, 243, 255

■ 177, 243, 255

■ 151, 239, 255

■ 203, 247, 255

■ 126, 235, 255

■ 228, 251, 255

■ 100, 231, 255

254, 255, 255

■ 75, 227, 255

255, 255, 255

■ 49, 223, 255

■ 24, 219, 255

■ 0, 216, 255

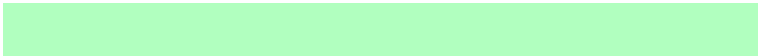
Harmonies

Analogous

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



162, 246, 183



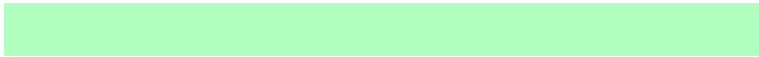
177, 243, 255



127, 197, 255

Triad

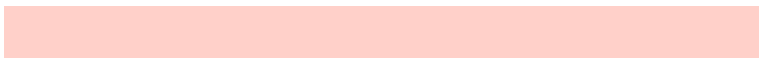
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



177, 243, 255



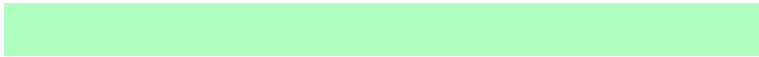
175, 211, 255



255, 209, 201

Complementary

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



177, 243, 255



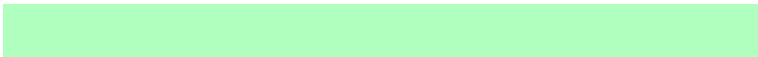
255, 177, 241

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, 206, 242



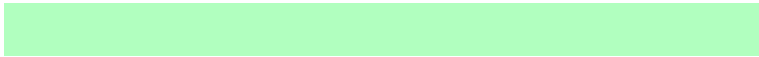
177, 243, 255



238, 228, 255

Square

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



177, 243, 255



113, 183, 255



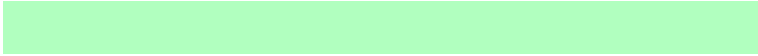
255, 213, 255



229, 255, 168

Rectangle

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



177, 243, 255



99, 177, 255



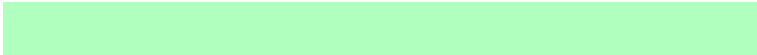
255, 213, 255



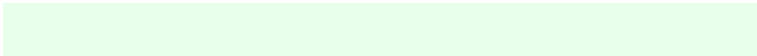
255, 206, 214

Sweetspot

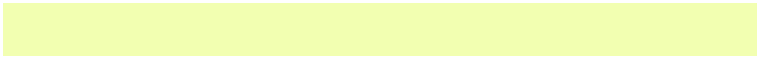
The Sweet Spot groups the original color and five complimentary colors.



177, 243, 255



232, 252, 255



177, 255, 190



113, 126, 128



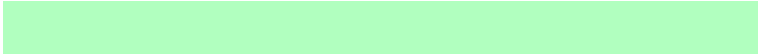
0, 0, 0



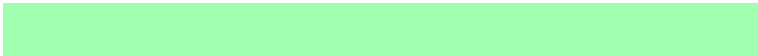
128, 128, 128

Same Dimension

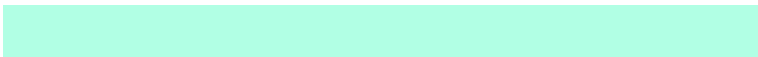
The Same Dimension uses a secret algorithm to generate beautiful new colors.



177, 243, 255



161, 241, 255



177, 224, 255



115, 126, 128



0, 161, 191



0, 54, 64

Inverse Universe

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



255, 177, 241



255, 161, 238



255, 177, 203



128, 115, 125



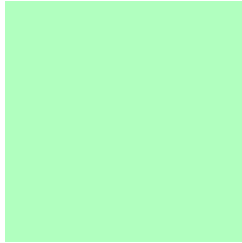
191, 0, 156



64, 0, 52

Previews

White Background



This preview shows how the RYB color 177, 243, 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 177, 243, 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 177, 243, 255 Background



This preview shows how black text looks on a background with the RYB color 177, 243, 255.

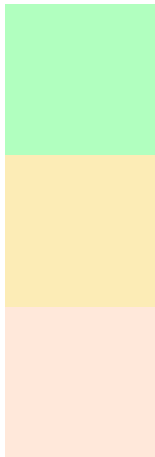


This preview shows how white text looks on a background with the RYB color 177, 243, 255.

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
177, 243, 255

Protanopia
203, 252, 182

Deuteranopia
255, 241, 218



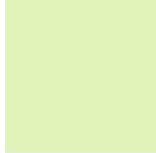
Tritanopia
209, 228, 255

Trichromacy



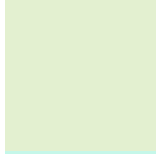
Original Color

177, 243, 255



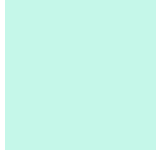
Protanomaly

185, 243, 203



Deuteranomaly

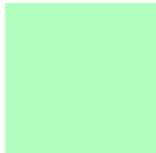
208, 240, 221



Tritanomaly

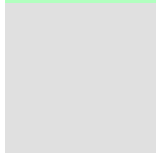
197, 226, 247

Monochromacy



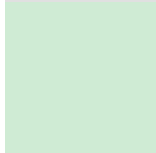
Original Color

177, 243, 255



Achromatopsia

224, 224, 224



Achromatomaly

207, 231, 235

CSS Examples

Text

The CSS property to change the color of the text to RGB 177, 243, 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(177, 255, 191)` looks like.

```
.text, #text, p{  
    color:rgb(177, 255, 191)  
}
```

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(177, 255, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 255, 191) }
```

Border

The CSS property to change the border of an element to RYB 177, 243, 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(177, 255, 191) }
```

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

```
.border{ border-color:rgb(177, 255, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 255, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 255, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 255, 191);  
box-shadow:4px 4px 4px 4px rgb(177, 255,  
191) }
```

Background

The CSS property to change the background color of an element to RYB 177, 243, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 255, 191) }
```

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

```
.background{ background-color: rgb(177,  
255, 191) }
```

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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