

Converting Colors

RGB(123, 252, 221)

Have a look what the booklet for
RGB(123, 252, 221) contains.

RGB(123, 252, 221)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(123, 252, 221)

Conversions

Conversions Part 1

Format	Color
Hex	7BFCDD
RGB	123, 252, 221
RGB Percent	48%, 99%, 87%
CMY	0.5176, 0.0118, 0.1333
CMYK	0.51, 0.00, 0.12, 0.01
HSL	166°, 96%, 74%
HSV	166°, 51%, 99%
XYZ	56.0299, 79.0522, 80.7121
YIQ	209.8950, -66.9330, -36.9890

Conversions

Conversions Part 2

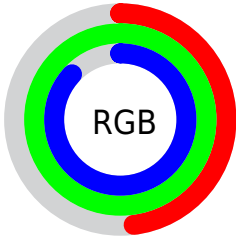
Format	Color
RYB	123, 196, 252
Decimal	8125661
CIELab	91.26, -43.08, 3.92
CIElCh	91, 43.256, 174.797
Yxy	79.0522, 0.2596, 0.3663
Android (android.graphics.Color)	4286315741 (0xFF7BFCDD)
YUV	209.8950, 5.4748, -76.2069
Hunter-Lab	88.9113, -43.1081, 8.4155

Details

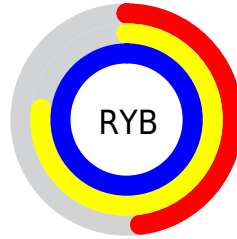
The RGB color **123, 252, 221** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **252, 123, 154**, and the grayscale version is **210, 210, 210**.

A 20% lighter version of the original color is **183, 255, 255**, and **58, 195, 166** is the 20% darker color. If you saturate the color by 10%, you get **98, 252, 215**, and if you desaturate by 10%, it is **148, 252, 227**.

Distribution



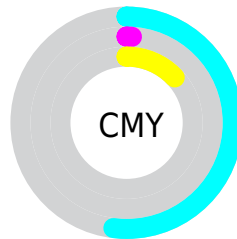
- Red (48%)
- Green (99%)
- Blue (87%)



- Red (48%)
- Yellow (77%)
- Blue (99%)



- Cyan (51%)
- Magenta (0%)
- Yellow (12%)
- Black (1%)



- Cyan (52%)
- Magenta (1%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 123, 252, 221 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 RGB color 123, 252, 221 by changing the saturation by 10% instead.


 123, 252, 221

 123, 252, 221


255, 255, 255

 92, 223, 193

 183, 255, 255


 58, 195, 166


 213, 255, 255

 0, 167, 140

 243, 255, 255

 0, 140, 114

 0, 114, 90

 0, 89, 66

 0, 64, 44

 0, 42, 24

 0, 9, 0

■ 123, 252, 221

■ 123, 252, 221

■ 98, 252, 215

■ 148, 252, 227

■ 73, 252, 209

■ 173, 252, 233

■ 47, 252, 203

■ 199, 252, 239

■ 22, 252, 197

■ 224, 252, 245

■ 0, 252, 191

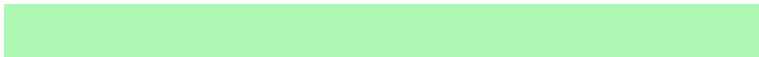
■ 249, 252, 251

■ 255, 252, 255

Harmonies

Analogous

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



174, 247, 181



123, 252, 221



81, 252, 255

Triad

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



123, 252, 221



225, 222, 255



255, 211, 164

Complementary

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



123, 252, 221



252, 123, 154

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, 200, 197



123, 252, 221



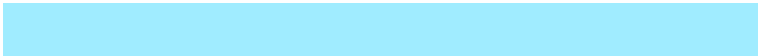
255, 207, 255

Square

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



123, 252, 221



160, 236, 255



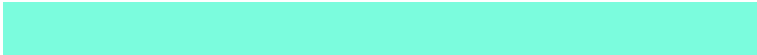
255, 199, 239



255, 225, 147

Rectangle

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



123, 252, 221



84, 249, 255



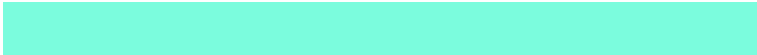
255, 199, 239



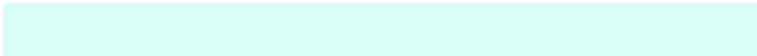
255, 207, 173

Sweetspot

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



123, 252, 221



217, 255, 246



155, 252, 123



105, 128, 122



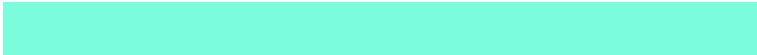
0, 0, 0



128, 128, 128

Same Dimension

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



123, 252, 221



99, 255, 218



123, 220, 252



112, 125, 122



0, 189, 143



0, 61, 46

Inverse Universe

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



252, 123, 154



255, 99, 137



252, 155, 123



125, 112, 115



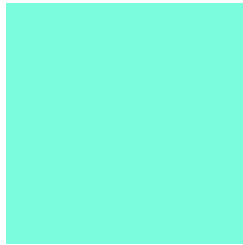
189, 0, 45



61, 0, 15

Previews

White Background



This preview shows how the RGB color 123, 252, 221 looks on a white background.

Color Contrast Check

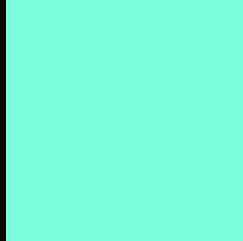
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 123, 252, 221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

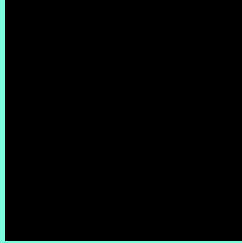
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

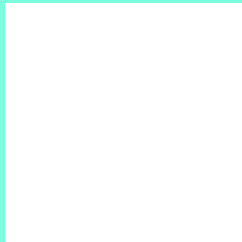
Any Text WCAG AAA ✓ Pass

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

RGB 123, 252, 221 Background



This preview shows how black text looks on a background with the RGB color 123, 252, 221.

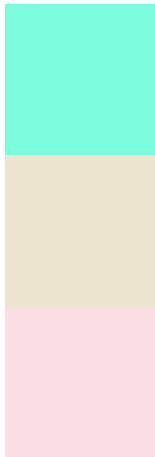


This preview shows how white text looks on a background with the RGB color 123, 252, 221.

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
123, 252, 221

Protanopia
237, 228, 208

Deuteranopia
251, 221, 228



Tritanopia
171, 241, 255

Trichromacy



Original Color

123, 252, 221



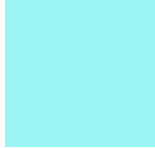
Protanomaly

196, 237, 213



Deuteranomaly

204, 232, 225



Tritanomaly

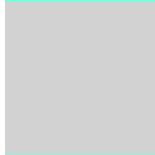
154, 245, 243

Monochromacy



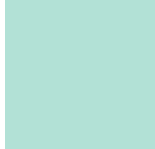
Original Color

123, 252, 221



Achromatopsia

210, 210, 210



Achromatomaly

178, 225, 214

CSS Examples

Text

The CSS property to change the color of the text to RGB 123, 252, 221 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(123, 252, 221)` looks like.

```
.text, #text, p{  
    color:rgb(123, 252, 221)  
}
```

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(123, 252, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 252, 221) }
```

Border

The CSS property to change the border of an element to RGB 123, 252, 221 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(123, 252, 221) }
```

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

```
.border{ border-color:rgb(123, 252, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 252, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 252, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 252, 221);  
box-shadow:4px 4px 4px 4px rgb(123, 252,  
221) }
```

Background

The CSS property to change the background color of an element to RGB 123, 252, 221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 252, 221) }
```

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

```
.background{ background-color: rgb(123,  
252, 221) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor