

Converting Colors

RGB(127, 255, 224)

Have a look what the booklet for
RGB(127, 255, 224) contains.

RGB(127, 255, 224)	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(127, 255, 224)

Conversions

Conversions Part 1

Format	Color
Hex	7FFFE0
RGB	127, 255, 224
RGB Percent	50%, 100%, 88%
CMY	0.5020, 0.0000, 0.1216
CMYK	0.50, 0.00, 0.12, 0.00
HSL	165°, 100%, 75%
HSV	165°, 50%, 100%
XYZ	57.9669, 81.4138, 83.1803
YIQ	213.1940, -66.3370, -36.7770

Conversions

Conversions Part 2

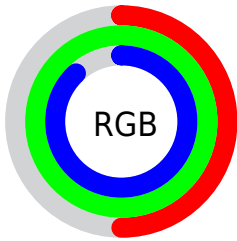
Format	Color
RYB	127, 200, 255
Decimal	8388576
CIELab	92.32, -42.86, 3.92
CIELCh	92, 43.038, 174.774
Yxy	81.4138, 0.2605, 0.3658
Android (android.graphics.Color)	4286578656 (0xFF7FFFE0)
YUV	213.1940, 5.3274, -75.5921
Hunter-Lab	90.2296, -43.2266, 8.5029

Details

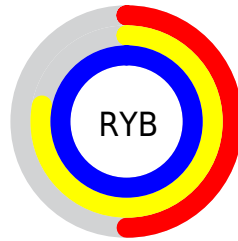
The RGB color **127, 255, 224** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **255, 127, 158**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is **187, 255, 255**, and **63, 198, 169** is the 20% darker color. If you saturate the color by 10%, you get **102, 255, 218**, and if you desaturate by 10%, it is **153, 255, 230**.

Distribution



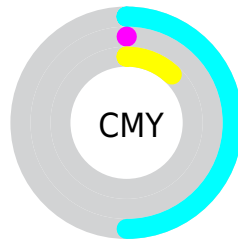
- Red (50%)
- Green (100%)
- Blue (88%)



- Red (50%)
- Yellow (78%)
- Blue (100%)



- Cyan (50%)
- Magenta (0%)
- Yellow (12%)
- Black (0%)



- Cyan (50%)
- Magenta (0%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RGB color 127, 255, 224 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 127, 255, 224 by changing the saturation by 10% instead.

 127, 255, 224

255, 255, 255


 187, 255, 255


 217, 255, 255

 247, 255, 255


 127, 255, 224

 96, 226, 196

 63, 198, 169

 15, 170, 142

 0, 143, 117

 0, 117, 92

 0, 91, 69

 0, 67, 47

 0, 44, 26

 0, 15, 0

■ 127, 255, 224

■ 127, 255, 224

■ 102, 255, 218

■ 153, 255, 230

■ 76, 255, 212

■ 178, 255, 236

■ 51, 255, 205

■ 204, 255, 243

■ 25, 255, 199

■ 229, 255, 249

■ 0, 255, 193

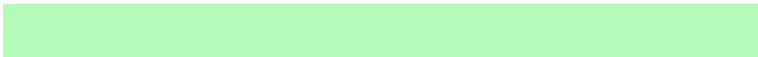
255, 255, 255

255, 255, 255

Harmonies

Analogous

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



178, 250, 184



127, 255, 224



87, 255, 255

Triad

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



127, 255, 224



228, 225, 255



255, 214, 167

Complementary

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



127, 255, 224



255, 127, 158

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, 203, 200



127, 255, 224



255, 211, 255

Square

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



127, 255, 224



164, 239, 255



255, 202, 242



255, 228, 150

Rectangle

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



127, 255, 224



90, 252, 255



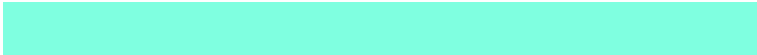
255, 202, 242



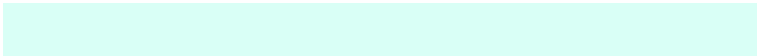
255, 210, 176

Sweetspot

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



127, 255, 224



217, 255, 246



159, 255, 127



105, 128, 122



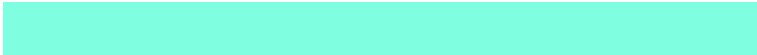
0, 0, 0



128, 128, 128

Same Dimension

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



127, 255, 224



102, 255, 218



127, 223, 255



115, 128, 124



0, 191, 145



0, 64, 48

Inverse Universe

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



255, 127, 158



255, 102, 139



255, 159, 127



128, 115, 118



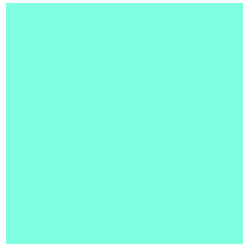
191, 0, 46



64, 0, 15

Previews

White Background



This preview shows how the RGB color 127, 255, 224 looks on a white background.

Color Contrast Check

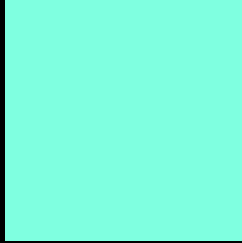
Large Text (above 18pt) WCAG AA × Fail

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 127, 255, 224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

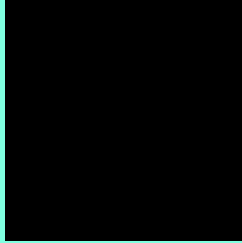
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

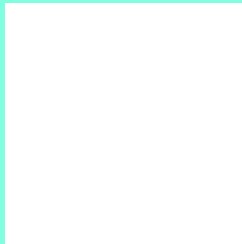
Any Text WCAG AAA ✓ Pass

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

RGB 127, 255, 224 Background



This preview shows how black text looks on a background with the RGB color 127, 255, 224.

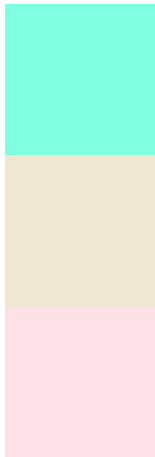


This preview shows how white text looks on a background with the RGB color 127, 255, 224.

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
127, 255, 224

Protanopia
240, 231, 211

Deuteranopia
254, 224, 231



Tritanopia
182, 242, 255

Trichromacy



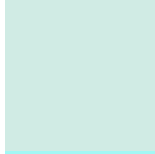
Original Color

127, 255, 224



Protanomaly

199, 240, 216



Deuteranomaly

208, 235, 228



Tritanomaly

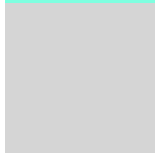
162, 247, 244

Monochromacy



Original Color

127, 255, 224



Achromatopsia

213, 213, 213



Achromatomaly

182, 228, 217

CSS Examples

Text

The CSS property to change the color of the text to RGB 127, 255, 224 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(127, 255, 224)` looks like.

```
.text, #text, p{  
    color:rgb(127, 255, 224)  
}
```

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(127, 255, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 255, 224) }
```

Border

The CSS property to change the border of an element to RGB 127, 255, 224 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(127, 255, 224) }
```

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

```
.border{ border-color:rgb(127, 255, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 255, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 255, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 255, 224);  
box-shadow:4px 4px 4px 4px rgb(127, 255,  
224) }
```

Background

The CSS property to change the background color of an element to RGB 127, 255, 224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 255, 224) }
```

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

```
.background{ background-color: rgb(127,  
255, 224) }
```

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