

Converting Colors

RGB(122, 250, 225)

Have a look what the booklet for
RGB(122, 250, 225) contains.

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Color

RGB(122, 250, 225)

Conversions

Conversions Part 1

Format	Color
Hex	7AFAE1
RGB	122, 250, 225
RGB Percent	48%, 98%, 88%
CMY	0.5216, 0.0196, 0.1176
CMYK	0.51, 0.00, 0.10, 0.02
HSL	168°, 93%, 73%
HSV	168°, 51%, 98%
XYZ	55.8023, 77.9450, 83.3380
YIQ	208.8780, -68.2630, -34.9110

Conversions

Conversions Part 2

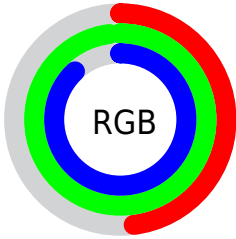
Format	Color
RYB	122, 193, 250
Decimal	8059617
CIELab	90.75, -41.48, 1.11
CIElCh	91, 41.492, 178.462
Yxy	77.9450, 0.2571, 0.3591
Android (android.graphics.Color)	4286249697 (0xFF7AFAE1)
YUV	208.8780, 7.9481, -76.1920
Hunter-Lab	88.2865, -41.6788, 5.8338

Details

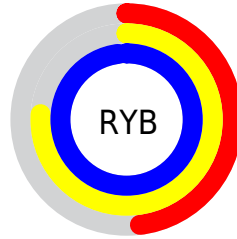
The RGB color **122, 250, 225** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **250, 122, 147**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is **182, 255, 255**, and **57, 193, 170** is the 20% darker color. If you saturate the color by 10%, you get **97, 250, 220**, and if you desaturate by 10%, it is **147, 250, 230**.

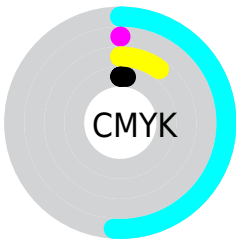
Distribution



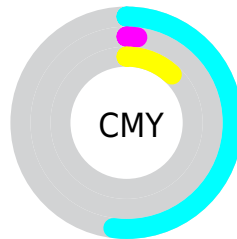
- Red (48%)
- Green (98%)
- Blue (88%)



- Red (48%)
- Yellow (76%)
- Blue (98%)



- Cyan (51%)
- Magenta (0%)
- Yellow (10%)
- Black (2%)



- Cyan (52%)
- Magenta (2%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RGB color 122, 250, 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 RGB color 122, 250, 225 by changing the saturation by 10% instead.

 122, 250, 225

255, 255, 255


 182, 255, 255

 212, 255, 255

 242, 255, 255


 122, 250, 225


 91, 221, 197

 57, 193, 170

 0, 165, 143

 0, 138, 118

 0, 112, 93

 0, 87, 70

 0, 63, 47

 0, 41, 27

 0, 5, 0

 122, 250, 225

 122, 250, 225

 97, 250, 220

 147, 250, 230

 72, 250, 215

 172, 250, 235

 47, 250, 210

 197, 250, 240

 22, 250, 205

 222, 250, 245

 0, 250, 201

 247, 250, 249

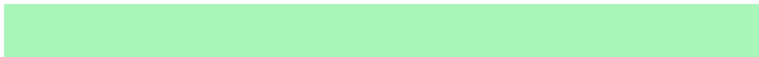
 255, 250, 254

 255, 250, 255

Harmonies

Analogous

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



170, 246, 186



122, 250, 225



89, 249, 255

Triad

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



122, 250, 225



231, 219, 255



255, 212, 162

Complementary

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



122, 250, 225



250, 122, 147

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, 201, 193



122, 250, 225



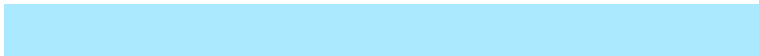
255, 206, 255

Square

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



122, 250, 225



171, 233, 255



255, 199, 232



255, 225, 149

Rectangle

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



122, 250, 225



98, 246, 255



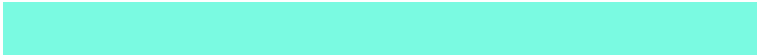
255, 199, 232



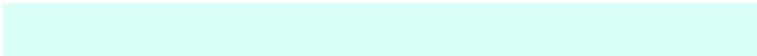
255, 208, 171

Sweetspot

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



122, 250, 225



217, 255, 248



148, 250, 122



105, 128, 123



0, 0, 0



128, 128, 128

Same Dimension

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



122, 250, 225



99, 255, 225



122, 212, 250



112, 125, 123



0, 189, 152



0, 61, 49

Inverse Universe

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



250, 122, 147



255, 99, 130



250, 160, 122



125, 112, 115



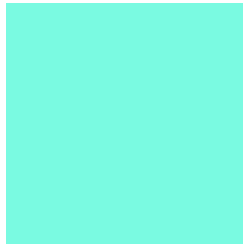
189, 0, 37



61, 0, 12

Previews

White Background



This preview shows how the RGB color 122, 250, 225 looks on a white background.

Color Contrast Check

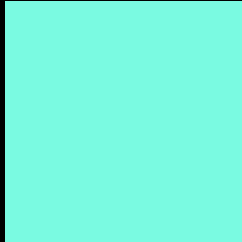
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 122, 250, 225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

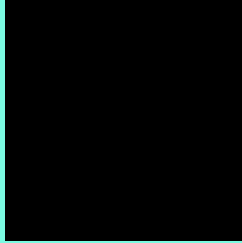
Any Text WCAG AA ✓ Pass

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](#).

RGB 122, 250, 225 Background



This preview shows how black text looks on a background with the RGB color 122, 250, 225.

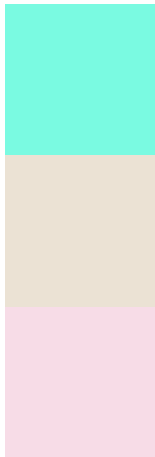


This preview shows how white text looks on a background with the RGB color 122, 250, 225.

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



Original Color
122, 250, 225

Protanopia
235, 226, 212

Deuteranopia
247, 220, 231



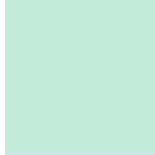
Tritanopia
165, 240, 255

Trichromacy



Original Color

122, 250, 225



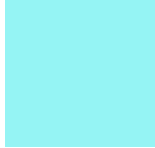
Protanomaly

194, 235, 217



Deuteranomaly

202, 231, 229



Tritanomaly

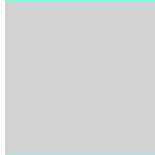
149, 244, 244

Monochromacy



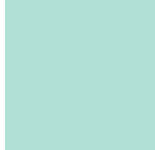
Original Color

122, 250, 225



Achromatopsia

209, 209, 209



Achromatomaly

177, 224, 215

CSS Examples

Text

The CSS property to change the color of the text to RGB 122, 250, 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(122, 250, 225)` looks like.

```
.text, #text, p{  
    color:rgb(122, 250, 225)  
}
```

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(122, 250, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 250, 225) }
```

Border

The CSS property to change the border of an element to RGB 122, 250, 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(122, 250, 225) }
```

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

```
.border{ border-color:rgb(122, 250, 225) }
```

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

Here you see how a box with a 4 pixel rgb(122, 250, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 250, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 250, 225);  
box-shadow:4px 4px 4px 4px rgb(122, 250,  
225) }
```

Background

The CSS property to change the background color of an element to RGB 122, 250, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 250, 225) }
```

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

```
.background{ background-color: rgb(122,  
250, 225) }
```

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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