

Converting Colors

RGB(123, 237, 222)

Have a look what the booklet for
RGB(123, 237, 222) contains.

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Color

RGB(123, 237, 222)

Conversions

Conversions Part 1

Format	Color
Hex	7BEDDE
RGB	123, 237, 222
RGB Percent	48%, 93%, 87%
CMY	0.5176, 0.0706, 0.1294
CMYK	0.48, 0.00, 0.06, 0.07
HSL	172°, 76%, 71%
HSV	172°, 48%, 93%
XYZ	51.6374, 70.0533, 79.9073
YIQ	201.2040, -63.1290, -28.8330

Conversions

Conversions Part 2

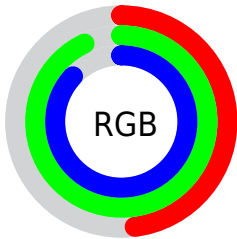
Format	Color
RYB	123, 184, 237
Decimal	8121822
CIELab	87.02, -36.08, -2.78
CIELCh	87, 36.185, 184.398
Yxy	70.0533, 0.2561, 0.3475
Android (android.graphics.Color)	4286311902 (0xFF7BEDDE)
YUV	201.2040, 10.2524, -68.5849
Hunter-Lab	83.6978, -36.3456, 1.9836

Details

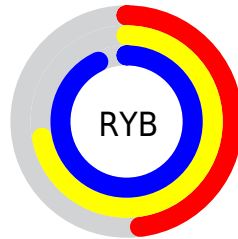
The RGB color **123, 237, 222** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **237, 123, 138**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **182, 255, 255**, and **61, 181, 167** is the 20% darker color. If you saturate the color by 10%, you get **99, 237, 219**, and if you desaturate by 10%, it is **147, 237, 225**.

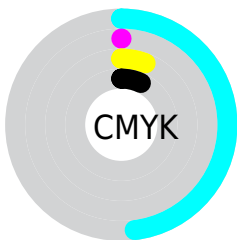
Distribution



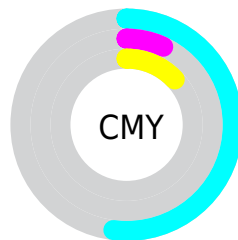
- Red (48%)
- Green (93%)
- Blue (87%)



- Red (48%)
- Yellow (72%)
- Blue (93%)



- Cyan (48%)
- Magenta (0%)
- Yellow (6%)
- Black (7%)



- Cyan (52%)
- Magenta (7%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 123, 237, 222 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, 237, 222 by changing the saturation by 10% instead.

 123, 237, 222

255, 255, 255


 182, 255, 255


 212, 255, 255

 242, 255, 255


 123, 237, 222

 93, 208, 194

 61, 181, 167

 16, 153, 141

 0, 127, 115

 0, 101, 91

 0, 77, 67

 0, 53, 45

 0, 33, 25

 0, 0, 0

 123, 237, 222

 123, 237, 222

 99, 237, 219

 147, 237, 225

 76, 237, 216

 170, 237, 228

 52, 237, 213

 194, 237, 231

 28, 237, 210

 218, 237, 234

 4, 237, 206

 242, 237, 238

 0, 237, 206

 255, 237, 241

 255, 237, 244

 255, 237, 247

 255, 237, 250

Harmonies

Analogous

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



160, 234, 187



123, 237, 222



107, 235, 255

Triad

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



123, 237, 222



229, 207, 255



255, 206, 157

Complementary

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



123, 237, 222



237, 123, 138

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, 196, 181



123, 237, 222



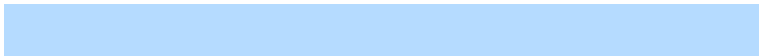
255, 197, 248

Square

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



123, 237, 222



181, 219, 255



255, 192, 214



237, 217, 149

Rectangle

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



123, 237, 222



119, 232, 255



255, 192, 214



255, 202, 163

Sweetspot

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



123, 237, 222



219, 255, 250



138, 237, 123



106, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

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



123, 237, 222



107, 255, 236



123, 195, 237



106, 117, 116



0, 181, 157



0, 54, 47

Inverse Universe

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



237, 123, 138



255, 107, 127



237, 165, 123



117, 106, 107



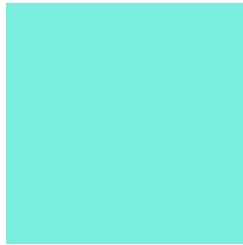
181, 0, 24



54, 0, 7

Previews

White Background



This preview shows how the RGB color 123, 237, 222 looks on a white background.

Color Contrast Check

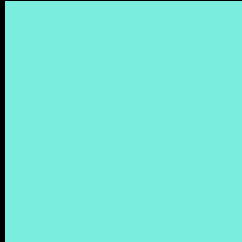
Large Text (above 18pt) WCAG AA × Fail

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, 237, 222 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, 237, 222 Background



This preview shows how black text looks on a background with the RGB color 123, 237, 222.



This preview shows how white text looks on a background with the RGB color 123, 237, 222.

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





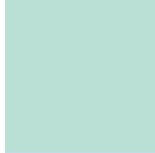
Tritanopia
132, 233, 251

Trichromacy



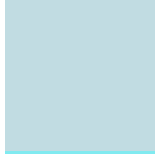
Original Color

123, 237, 222



Protanomaly

186, 224, 214



Deuteranomaly

193, 220, 226



Tritanomaly

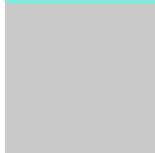
129, 234, 240

Monochromacy



Original Color

123, 237, 222



Achromatopsia

201, 201, 201



Achromatomaly

173, 214, 209

CSS Examples

Text

The CSS property to change the color of the text to RGB 123, 237, 222 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, 237, 222)` looks like.

```
.text, #text, p{  
    color:rgb(123, 237, 222)  
}
```

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, 237, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 237, 222) }
```

Border

The CSS property to change the border of an element to RGB 123, 237, 222 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, 237, 222) }
```

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

```
.border{ border-color:rgb(123, 237, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 237, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 237, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 237, 222);  
box-shadow:4px 4px 4px 4px rgb(123, 237,  
222) }
```

Background

The CSS property to change the background color of an element to RGB 123, 237, 222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 237, 222) }
```

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

```
.background{ background-color: rgb(123,  
237, 222) }
```

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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