

Converting Colors

RGB(128, 237, 237)

Have a look what the booklet for
RGB(128, 237, 237) contains.

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Color

RGB(128, 237, 237)

Conversions

Conversions Part 1

Format	Color
Hex	80EDED
RGB	128, 237, 237
RGB Percent	50%, 93%, 93%
CMY	0.4980, 0.0706, 0.0706
CMYK	0.46, 0.00, 0.00, 0.07
HSL	180°, 75%, 72%
HSV	180°, 46%, 93%
XYZ	54.4723, 71.2720, 91.0066
YIQ	204.4090, -64.9640, -23.1080

Conversions

Conversions Part 2

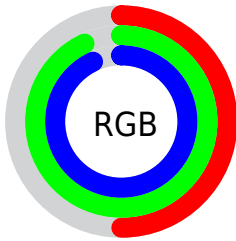
Format	Color
R _{YB}	128, 183, 237
Decimal	8449517
CIE Lab	87.62, -31.31, -9.74
CIE LCh	88, 32.787, 197.290
Yxy	71.2720, 0.2513, 0.3288
Android (android.graphics.Color)	4286639597 (0xFF80EDED)
YUV	204.4090, 16.0674, -67.0107
Hunter-Lab	84.4227, -32.5657, -4.8179

Details

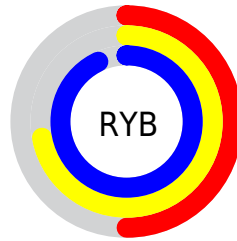
The RGB color **128, 237, 237** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **237, 128, 128**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **187, 255, 255**, and **66, 181, 181** is the 20% darker color. If you saturate the color by 10%, you get **104, 237, 237**, and if you desaturate by 10%, it is **152, 237, 237**.

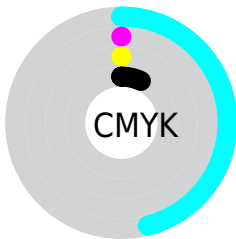
Distribution



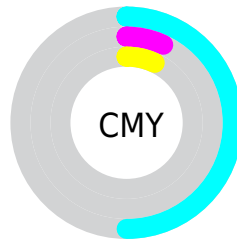
- Red (50%)
- Green (93%)
- Blue (93%)



- Red (50%)
- Yellow (72%)
- Blue (93%)



- Cyan (46%)
- Magenta (0%)
- Yellow (0%)
- Black (7%)



- Cyan (50%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 128, 237, 237 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 128, 237, 237 by changing the saturation by 10% instead.

 128, 237, 237

255, 255, 255


 187, 255, 255


 217, 255, 255

 247, 255, 255

 128, 237, 237

 98, 209, 209

 66, 181, 181


 26, 154, 154

 0, 127, 128

 0, 102, 103

 0, 77, 79

 0, 54, 57

 0, 34, 35

 0, 1, 13

 128, 237, 237

 128, 237, 237

 104, 237, 237

 152, 237, 237

 81, 237, 237

 175, 237, 237

 57, 237, 237

 199, 237, 237

 33, 237, 237

 223, 237, 237

 9, 237, 237

 246, 237, 237

 0, 237, 237

 255, 237, 237

Harmonies

Analogous

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



153, 236, 205



128, 237, 237



130, 234, 255

Triad

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



128, 237, 237



246, 206, 255



254, 213, 159

Complementary

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



128, 237, 237



237, 128, 128

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, 175



128, 237, 237



255, 198, 234

Square

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



128, 237, 237



206, 216, 255



255, 197, 203



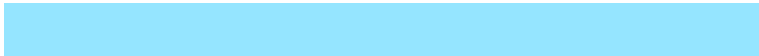
224, 223, 160

Rectangle

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



128, 237, 237



149, 229, 255



255, 197, 203



255, 210, 163

Sweetspot

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



128, 237, 237



219, 255, 255



128, 237, 128



106, 128, 128



0, 0, 0



128, 128, 128

Same Dimension

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



128, 237, 237



115, 255, 255



128, 183, 237



106, 117, 117



0, 181, 181



0, 54, 54

Inverse Universe

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



237, 128, 237



255, 115, 255



237, 183, 128



117, 106, 117



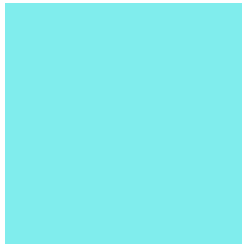
181, 0, 181



54, 0, 54

Previews

White Background



This preview shows how the RGB color 128, 237, 237 looks on a white background.

Color Contrast Check

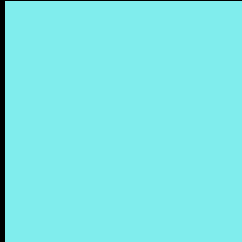
Large Text (above 18pt) WCAG AA × Fail

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 128, 237, 237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

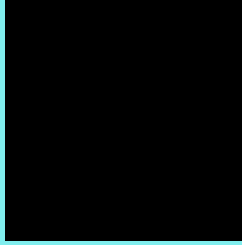
Any Text WCAG AA ✓ Pass

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 128, 237, 237 Background



This preview shows how black text looks on a background with the RGB color 128, 237, 237.

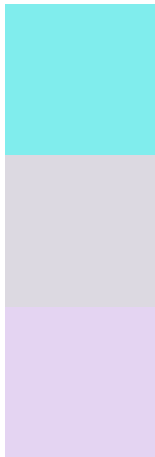


This preview shows how white text looks on a background with the RGB color 128, 237, 237.

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
128, 237, 237

Protanopia
220, 217, 225

Deuteranopia
228, 212, 242



Tritanopia
133, 234, 253

Trichromacy



Original Color

128, 237, 237



Protanomaly

187, 224, 229



Deuteranomaly

192, 221, 240



Tritanomaly

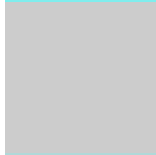
131, 235, 247

Monochromacy



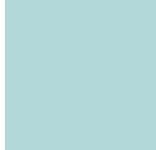
Original Color

128, 237, 237



Achromatopsia

204, 204, 204



Achromatomaly

176, 216, 216

CSS Examples

Text

The CSS property to change the color of the text to RGB 128, 237, 237 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(128, 237, 237)` looks like.

```
.text, #text, p{  
    color:rgb(128, 237, 237)  
}
```

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(128, 237, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 237, 237) }
```

Border

The CSS property to change the border of an element to RGB 128, 237, 237 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(128, 237, 237) }
```

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

```
.border{ border-color:rgb(128, 237, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 237, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 237, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 237, 237);  
box-shadow:4px 4px 4px 4px rgb(128, 237,  
237) }
```

Background

The CSS property to change the background color of an element to RGB 128, 237, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 237, 237) }
```

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

```
.background{ background-color: rgb(128,  
237, 237) }
```

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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