

Converting Colors

RGB(129, 236, 224)

Have a look what the booklet for
RGB(129, 236, 224) contains.

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Color

RGB(129, 236, 224)

Conversions

Conversions Part 1	
Format	Color
Hex	81ECE0
RGB	129, 236, 224
RGB Percent	51%, 93%, 88%
CMY	0.4941, 0.0745, 0.1216
CMYK	0.45, 0.00, 0.05, 0.07
HSL	173°, 74%, 72%
HSV	173°, 45%, 93%
XYZ	52.5033, 70.0399, 81.2728
YIQ	202.6390, -59.9200, -26.4160

Conversions

Conversions Part 2

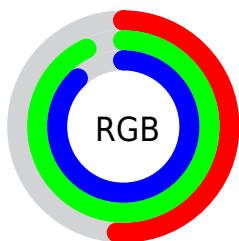
Format	Color
RYB	129, 186, 236
Decimal	8514784
CIELab	87.02, -33.78, -3.81
CIELCh	87, 33.996, 186.432
Yxy	70.0399, 0.2576, 0.3436
Android (android.graphics.Color)	4286704864 (0xFF81ECE0)
YUV	202.6390, 10.5310, -64.5814
Hunter-Lab	83.6898, -34.4742, 1.0052

Details

The RGB color **129, 236, 224** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **236, 129, 141**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **187, 255, 255**, and **69, 180, 169** is the 20% darker color. If you saturate the color by 10%, you get **105, 236, 221**, and if you desaturate by 10%, it is **153, 236, 227**.

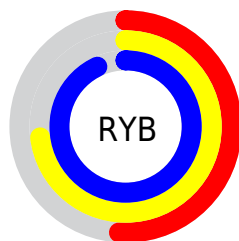
Distribution



Red (51%)

Green (93%)

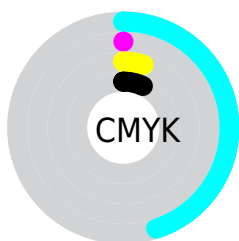
Blue (88%)



Red (51%)

Yellow (73%)

Blue (93%)

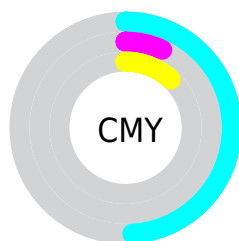


Cyan (45%)

Magenta (0%)

Yellow (5%)

Black (7%)



Cyan (49%)

Magenta (7%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RGB color 129, 236, 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 129, 236, 224 by changing the saturation by 10% instead.

 129, 236, 224

255, 255, 255


 187, 255, 255


 217, 255, 255

 247, 255, 255


 129, 236, 224

 100, 208, 196

 69, 180, 169

 33, 153, 142

 0, 126, 117

 0, 101, 92

 0, 76, 69

 0, 53, 47

 0, 33, 26

 0, 0, 0

 129, 236, 224

 129, 236, 224

 105, 236, 221

 153, 236, 227

 82, 236, 219

 176, 236, 229

 58, 236, 216

 200, 236, 232

 35, 236, 213

 223, 236, 235

 11, 236, 211

 247, 236, 237

 0, 236, 210

 255, 236, 240

 255, 236, 243

 255, 236, 245

 255, 236, 248

Harmonies

Analogous

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



161, 234, 191



129, 236, 224



118, 234, 255

Triad

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



129, 236, 224



232, 207, 255



255, 207, 160

Complementary

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



129, 236, 224



236, 129, 141

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, 198, 181



129, 236, 224



255, 198, 244

Square

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



129, 236, 224



187, 219, 255



255, 194, 212



234, 218, 154

Rectangle

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



129, 236, 224



131, 231, 255



255, 194, 212



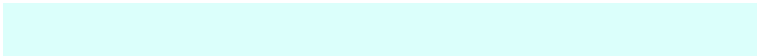
255, 204, 165

Sweetspot

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



129, 236, 224



219, 255, 251



141, 236, 129



106, 128, 125



0, 0, 0



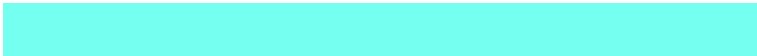
128, 128, 128

Same Dimension

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



129, 236, 224



117, 255, 240



129, 195, 236



106, 117, 116



0, 181, 161



0, 54, 48

Inverse Universe

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



236, 129, 141



255, 117, 133



236, 170, 129



117, 106, 107



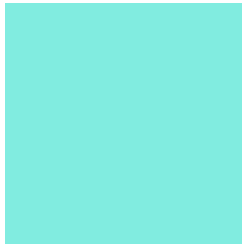
181, 0, 20



54, 0, 6

Previews

White Background



This preview shows how the RGB color 129, 236, 224 looks on a white background.

Color Contrast Check

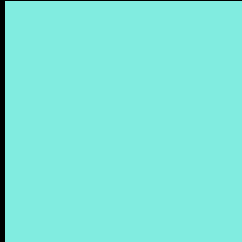
Large Text (above 18pt) WCAG AA × Fail

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 129, 236, 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 129, 236, 224 Background



This preview shows how black text looks on a background with the RGB color 129, 236, 224.

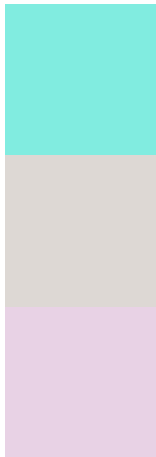


This preview shows how white text looks on a background with the RGB color 129, 236, 224.

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
129, 236, 224

Protanopia
221, 216, 212

Deuteranopia
232, 210, 229



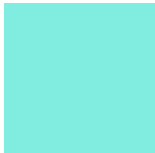
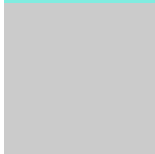
Tritanopia

137, 232, 251

Trichromacy

	Original Color 129, 236, 224
	Protanomaly 188, 223, 216
	Deuteranomaly 195, 219, 227
	Tritanomaly 134, 233, 241

Monochromacy

	Original Color 129, 236, 224
	Achromatopsia 203, 203, 203
	Achromatomaly 176, 215, 211

CSS Examples

Text

The CSS property to change the color of the text to RGB 129, 236, 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(129, 236, 224)` looks like.

```
.text, #text, p{  
    color:rgb(129, 236, 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(129, 236, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 236, 224) }
```

Border

The CSS property to change the border of an element to RGB 129, 236, 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(129, 236, 224) }
```

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

```
.border{ border-color:rgb(129, 236, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 236, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 236, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 236, 224);  
box-shadow:4px 4px 4px 4px rgb(129, 236,  
224) }
```

Background

The CSS property to change the background color of an element to RGB 129, 236, 224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 236, 224) }
```

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

```
.background{ background-color: rgb(129,  
236, 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](#).

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