

Converting Colors

RGB(130, 236, 225)

Have a look what the booklet for
RGB(130, 236, 225) contains.

RGB(130, 236, 225)	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(130, 236, 225)

Conversions

Conversions Part 1

Format	Color
Hex	82ECE1
RGB	130, 236, 225
RGB Percent	51%, 93%, 88%
CMY	0.4902, 0.0745, 0.1176
CMYK	0.45, 0.00, 0.05, 0.07
HSL	174°, 74%, 72%
HSV	174°, 45%, 93%
XYZ	52.7920, 70.1730, 81.9965
YIQ	203.0520, -59.6450, -25.8930

Conversions

Conversions Part 2

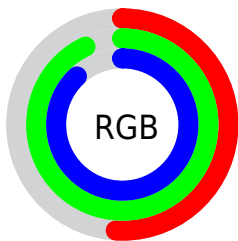
Format	Color
RYB	130, 186, 236
Decimal	8580321
CIELab	87.08, -33.31, -4.23
CIELCh	87, 33.581, 187.241
Yxy	70.1730, 0.2576, 0.3424
Android (android.graphics.Color)	4286770401 (0xFF82ECE1)
YUV	203.0520, 10.8204, -64.0666
Hunter-Lab	83.7693, -34.1044, 0.6033

Details

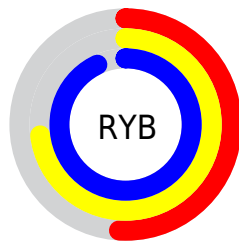
The RGB color **130, 236, 225** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **236, 130, 141**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **188, 255, 255**, and **70, 180, 170** is the 20% darker color. If you saturate the color by 10%, you get **106, 236, 223**, and if you desaturate by 10%, it is **154, 236, 227**.

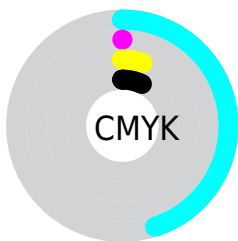
Distribution



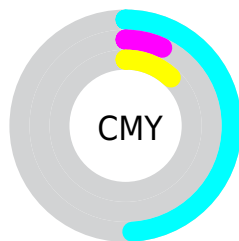
- Red (51%)
- Green (93%)
- Blue (88%)



- 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 130, 236, 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 130, 236, 225 by changing the saturation by 10% instead.


 130, 236, 225

 130, 236, 225


255, 255, 255

 101, 208, 197

 188, 255, 255

 70, 180, 170

 218, 255, 255

 35, 153, 143

 248, 255, 255

 0, 126, 118

 0, 101, 93

 0, 76, 70

 0, 53, 47

 0, 33, 27

 0, 0, 0

 130, 236, 225

 130, 236, 225

 106, 236, 223

 154, 236, 227

 83, 236, 220

 177, 236, 230

 59, 236, 218

 201, 236, 232

 36, 236, 215

 224, 236, 235

 12, 236, 213

 248, 236, 237

 0, 236, 212

 255, 236, 240

 255, 236, 242

 255, 236, 245

 255, 236, 247

Harmonies

Analogous

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



161, 234, 192



130, 236, 225



120, 234, 255

Triad

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



130, 236, 225



233, 207, 255



255, 208, 160

Complementary

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



130, 236, 225



236, 130, 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, 199, 181



130, 236, 225



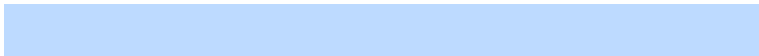
255, 198, 243

Square

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



130, 236, 225



189, 218, 255



255, 195, 211



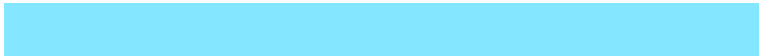
233, 219, 155

Rectangle

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



130, 236, 225



133, 231, 255



255, 195, 211



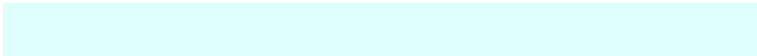
255, 204, 166

Sweetspot

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



130, 236, 225



222, 255, 252



142, 236, 130



107, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

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



130, 236, 225



117, 255, 241



130, 195, 236



106, 117, 116



0, 181, 162



0, 54, 48

Inverse Universe

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



236, 130, 141



255, 117, 132



236, 171, 130



117, 106, 107



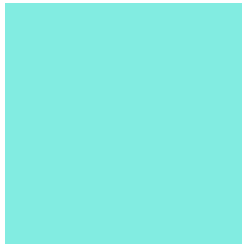
181, 0, 19



54, 0, 6

Previews

White Background



This preview shows how the RGB color 130, 236, 225 looks on a white background.

Color Contrast Check

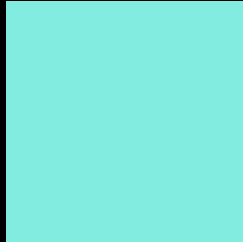
Large Text (above 18pt) WCAG AA × Fail

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 130, 236, 225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

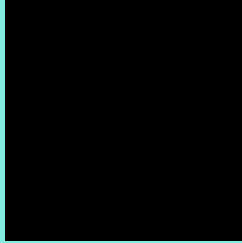
Any Text WCAG AA ✓ Pass

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 130, 236, 225 Background



This preview shows how black text looks on a background with the RGB color 130, 236, 225.



This preview shows how white text looks on a background with the RGB color 130, 236, 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





Tritanopia
138, 232, 251

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 130, 236, 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(130, 236, 225)` looks like.

```
.text, #text, p{  
    color:rgb(130, 236, 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(130, 236, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 236, 225) }
```

Border

The CSS property to change the border of an element to RGB 130, 236, 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(130, 236, 225) }
```

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

```
.border{ border-color:rgb(130, 236, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 236, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 236, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 236, 225);  
box-shadow:4px 4px 4px 4px rgb(130, 236,  
225) }
```

Background

The CSS property to change the background color of an element to RGB 130, 236, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 236, 225) }
```

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

```
.background{ background-color: rgb(130,  
236, 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](#).

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