

Converting Colors

CIELCh(86, 28.839, 188.983)

Have a look what the booklet for
CIELCh(86, 28.839, 188.983)
contains.

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Color

CIELCh(86, 28.864, 189.047)

Conversions

Conversions Part 1

Format	Color
Hex	8EE7DF
RGB	142, 231, 223
RGB Percent	56%, 91%, 87%
CMY	0.4445, 0.0955, 0.1268
CMYK	0.39, 0.00, 0.03, 0.10
HSL	175°, 65%, 73%
HSV	175°, 39%, 90%
XYZ	52.8482, 67.9871, 79.9071
YIQ	203.4770, -50.4760, -21.3560

Conversions

Conversions Part 2

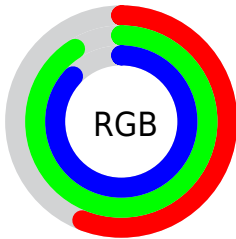
Format	Color
RYB	142, 189, 231
Decimal	9365471
CIELab	86.00, -28.50, -4.54
CIELCh	86, 28.864, 189.047
Yxy	67.9871, 0.2633, 0.3387
Android (android.graphics.Color)	4287555551 (0xFF8EE7DF)
YUV	203.4770, 9.6248, -53.9153
Hunter-Lab	82.4543, -29.8874, 0.2596

Details

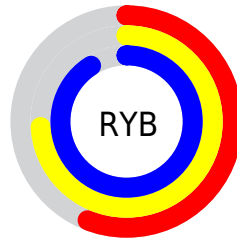
The CIELCh color **86, 28.864, 189.047** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **68, 36.162, 16.370**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 18.406, 198.288**, and **66, 28.739, 189.221** is the 20% darker color. If you saturate the color by 10%, you get **85, 34.808, 188.247**, and if you desaturate by 10%, it is **87, 22.158, 189.827**.

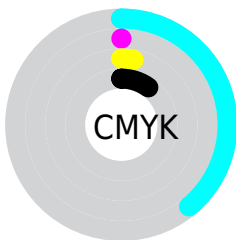
Distribution



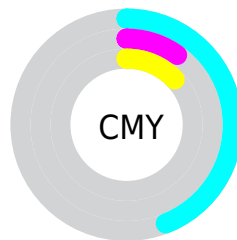
- Red (56%)
- Green (91%)
- Blue (87%)



- Red (56%)
- Yellow (74%)
- Blue (91%)



- Cyan (39%)
- Magenta (0%)
- Yellow (3%)
- Black (10%)




- Cyan (44%)
- Magenta (10%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 28.864, 189.047 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 CIELCh color 86, 28.864, 189.047 by changing the saturation by 10% instead.


 86, 28.864,
189.047


 86, 28.864,
189.047


 100, 28.864,
189.047


 76, 28.864,
189.047

 66, 28.864,
189.047

 56, 28.864,
189.047

 46, 28.864,
189.047

 36, 28.864,
189.047

 26, 28.864,
189.047

 16, 28.864,

189.047

■ 6, 28.864, 189.047

■ 0, 28.864, 189.047

■ 86, 28.864,
189.047

■ 86, 28.864,
189.047

■ 85, 34.808,
188.247

■ 87, 22.158,
189.827

■ 84, 39.866,
187.424

■ 89, 14.824,
190.607

■ 84, 43.952,
186.560

■ 90, 7.002, 191.411

■ 83, 47.026,
185.640

■ 92, 1.178, 11.571

■ 93, 8.878, 12.108

■ 83, 49.118,

184.645

94, 9.063, 5.432

83, 50.374,
183.568

94, 9.369, 359.110

83, 50.525,
183.414

94, 9.783, 353.261

94, 10.293,
347.946

Harmonies

Complementary

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



86, 28.864, 189.047



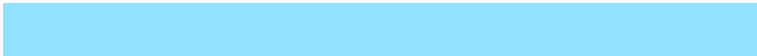
68, 36.162, 16.370

Rectangle

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



86, 28.864, 189.047



86, 28.864, 239.047



86, 28.864, 9.047



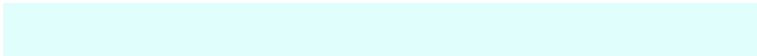
86, 28.864, 59.047

Sweetspot

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



86, 28.864, 189.045



98, 10.543, 191.123



85, 54.776, 139.225



52, 6.973, 191.018



0, 0.000, 0.000



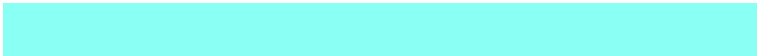
53, 0.007, 296.813

Same Dimension

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



86, 28.864, 189.045



93, 36.138, 188.435



76, 24.725, 249.793



47, 4.606, 191.337



65, 41.639, 183.610



18, 17.217, 185.441

Inverse Universe

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



68, 36.162, 16.370



71, 47.633, 17.813



76, 29.661, 60.052



45, 4.842, 12.681



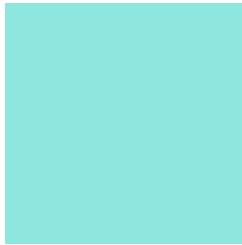
37, 76.233, 36.239



6, 26.843, 18.039

Previews

White Background



This preview shows how the CIE LCh color 86, 28.864, 189.047 looks on a white background.

Color Contrast Check

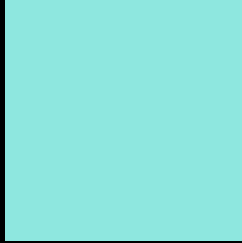
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 86, 28.864, 189.047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

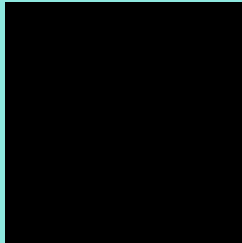
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

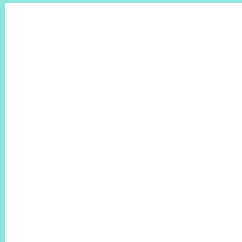
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 28.864, 189.047

Background



This preview shows how black text looks on a background with the CIELCh color 86, 28.864, 189.047.

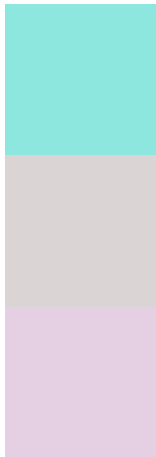


This preview shows how white text looks on a background with the CIELCh color 86, 28.864, 189.047.

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
86, 28.864, 189.047

Protanopia
86, 1.883, 35.359

Deuteranopia
86, 12.540, 327.633

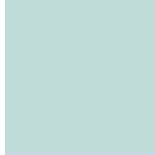


Tritanopia
86, 25.660, 219.725

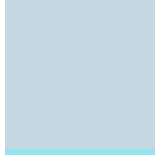
Trichromacy



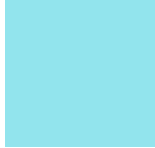
Original Color
86, 28.864, 189.047



Protanomaly
85, 10.299, 189.893



Deuteranomaly
85, 8.013, 235.373

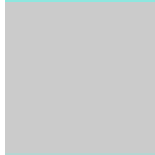


Tritanomaly
86, 25.808, 208.411

Monochromacy



Original Color
86, 28.864, 189.047



Achromatopsia
82, 0.010, 296.813



Achromatomaly
83, 11.346, 190.565

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 28.864, 189.047 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(142, 231, 223)` looks like.

```
.text, #text, p{  
    color:rgb(142, 231, 223)  
}
```

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(142, 231, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 231, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 28.864, 189.047 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(142, 231, 223) }
```

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

```
.border{ border-color:rgb(142, 231, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 231, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 231, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 231, 223);  
box-shadow:4px 4px 4px 4px rgb(142, 231,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 28.864, 189.047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 231, 223) }
```

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

```
.background{ background-color: rgb(142,  
231, 223) }
```

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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