

Converting Colors

CIELCh(86, 27.599, 179.989)

Have a look what the booklet for
CIELCh(86, 27.599, 179.989)
contains.

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Color

CIELCh(86, 27.691, 179.794)

Conversions

Conversions Part 1

Format	Color
Hex	97E6D6
RGB	151, 230, 214
RGB Percent	59%, 90%, 84%
CMY	0.4081, 0.0983, 0.1610
CMYK	0.34, 0.00, 0.07, 0.10
HSL	168°, 61%, 75%
HSV	168°, 34%, 90%
XYZ	53.1627, 67.9871, 73.9007
YIQ	204.5550, -41.9480, -21.7240

Conversions

Conversions Part 2

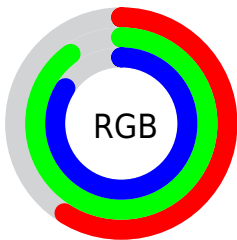
Format	Color
RYB	151, 195, 230
Decimal	9955030
CIELab	86.00, -27.69, 0.10
CIELCh	86, 27.691, 179.794
Yxy	67.9871, 0.2726, 0.3486
Android (android.graphics.Color)	4288145110 (0xFF97E6D6)
YUV	204.5550, 4.6564, -46.9677
Hunter-Lab	82.4543, -29.2064, 4.5786

Details

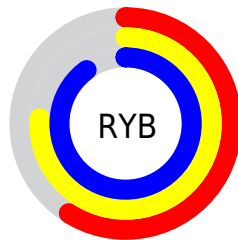
The CIELCh color **86, 27.691, 179.794** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **71, 31.994, 7.090**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 15.627, 198.466**, and **66, 27.764, 179.571** is the 20% darker color. If you saturate the color by 10%, you get **85, 34.670, 178.690**, and if you desaturate by 10%, it is **87, 20.110, 180.822**.

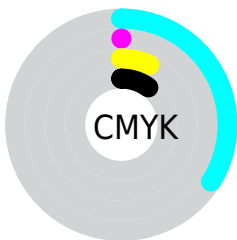
Distribution



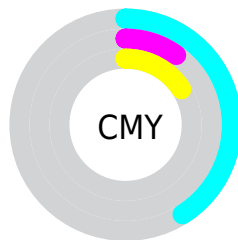
- Red (59%)
- Green (90%)
- Blue (84%)



- Red (59%)
- Yellow (76%)
- Blue (90%)



- Cyan (34%)
- Magenta (0%)
- Yellow (7%)
- Black (10%)



- Cyan (41%)
- Magenta (10%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 27.691, 179.794 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, 27.691, 179.794 by changing the saturation by 10% instead.

 86, 27.691,
179.794

 86, 27.691,
179.794

 100, 27.691,
179.794


 76, 27.691,
179.794

 66, 27.691,
179.794

 56, 27.691,
179.794

 46, 27.691,
179.794

 36, 27.691,
179.794

 26, 27.691,
179.794

 16, 27.691,

179.794

■ 6, 27.691, 179.794

■ 0, 27.691, 179.794

■ 86, 27.691,
179.794

■ 86, 27.691,
179.794

■ 85, 34.670,
178.690

■ 87, 20.110,
180.822

■ 84, 40.903,
177.497

■ 89, 12.070,
181.803

■ 83, 46.270,
176.189

■ 90, 3.708, 182.822

■ 83, 50.694,
174.742

■ 92, 4.856, 3.426

■ 93, 9.754, 357.489

■ 82, 54.154,

173.135

94, 10.866,
345.728

82, 56.715,
171.353

94, 12.354,
336.507

82, 57.892,
170.302

94, 14.101,
329.459

94, 15.654,
324.965

Harmonies

Complementary

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



86, 27.691, 179.794



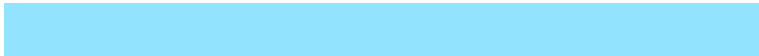
71, 31.994, 7.090

Rectangle

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



86, 27.691, 179.794



86, 27.691, 229.794



86, 27.691, 359.794



86, 27.691, 49.794

Sweetspot

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



86, 27.692, 179.792



98, 9.199, 182.221



86, 47.029, 136.476



52, 6.264, 182.082



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, 27.692, 179.792



93, 35.213, 179.043



80, 21.181, 232.838



47, 4.800, 182.280



65, 47.696, 170.638



18, 19.242, 173.895

Inverse Universe

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



71, 31.994, 7.090



74, 41.992, 8.275



75, 26.384, 47.799



45, 4.982, 3.880



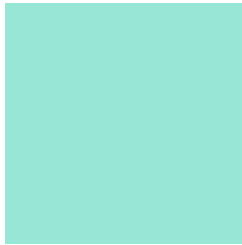
37, 70.899, 29.111



7, 26.665, 13.306

Previews

White Background



This preview shows how the CIE LCh color 86, 27.691, 179.794 looks on a white background.

Color Contrast Check

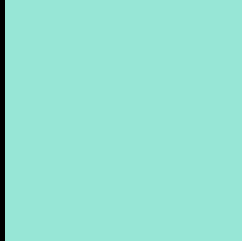
Large Text (above 18pt) WCAG AA × Fail

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, 27.691, 179.794 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

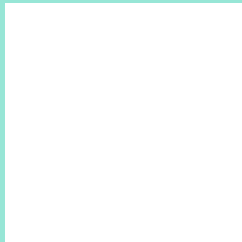
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 27.691, 179.794

Background



This preview shows how black text looks on a background with the CIELCh color 86, 27.691, 179.794.



This preview shows how white text looks on a background with the CIELCh color 86, 27.691, 179.794.

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



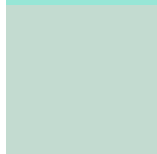


Tritanopia
86, 22.975, 222.589

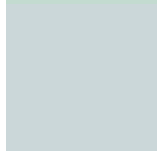
Trichromacy



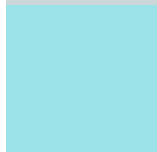
Original Color
86, 27.691, 179.794



Protanomaly
85, 10.419, 165.049



Deuteranomaly
85, 4.362, 213.209



Tritanomaly
86, 23.132, 205.797

Monochromacy



Original Color
86, 27.691, 179.794



Achromatopsia
82, 0.010, 296.813



Achromatomaly
83, 10.785, 181.552

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 27.691, 179.794 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(151, 230, 214)` looks like.

```
.text, #text, p{  
    color:rgb(151, 230, 214)  
}
```

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(151, 230, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 230, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 27.691, 179.794 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(151, 230, 214) }
```

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

```
.border{ border-color:rgb(151, 230, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 230, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 230, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 230, 214);  
box-shadow:4px 4px 4px 4px rgb(151, 230,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 27.691, 179.794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 230, 214) }
```

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

```
.background{ background-color: rgb(151,  
230, 214) }
```

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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