

Converting Colors

CIELCh(86, 17.096, 200.036)

Have a look what the booklet for
CIELCh(86, 17.096, 200.036)
contains.

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Color

CIELCh(86, 17.396, 199.987)

Conversions

Conversions Part 1

Format	Color
Hex	ADE1E2
RGB	173, 225, 226
RGB Percent	68%, 88%, 89%
CMY	0.3229, 0.1190, 0.1150
CMYK	0.23, 0.00, 0.00, 0.12
HSL	181°, 47%, 78%
HSV	181°, 23%, 88%
XYZ	57.6759, 67.9871, 81.7919
YIQ	209.5660, -31.3130, -10.7130

Conversions

Conversions Part 2

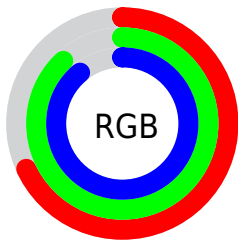
Format	Color
RYB	173, 199, 226
Decimal	11395554
CIELab	86.00, -16.35, -5.95
CIElCh	86, 17.396, 199.987
Yxy	67.9871, 0.2780, 0.3277
Android (android.graphics.Color)	4289585634 (0xFFADE1E2)
YUV	209.5660, 8.1020, -32.0684
Hunter-Lab	82.4543, -19.4361, -1.0957

Details

The CIELCh color **86, 17.396, 199.987** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **76, 20.388, 22.622**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 8.853, 198.921**, and **66, 17.550, 199.781** is the 20% darker color. If you saturate the color by 10%, you get **85, 23.867, 199.617**, and if you desaturate by 10%, it is **87, 10.308, 200.423**.

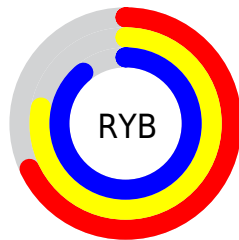
Distribution



Red (68%)

Green (88%)

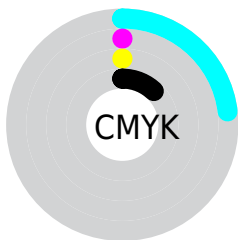
Blue (89%)



Red (68%)

Yellow (78%)

Blue (89%)

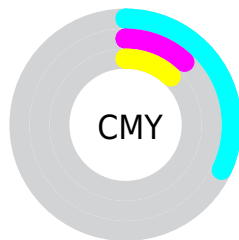


Cyan (23%)

Magenta (0%)

Yellow (0%)

Black (12%)



Cyan (32%)

Magenta (12%)


Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 17.396, 199.987 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, 17.396, 199.987 by changing the saturation by 10% instead.


 86, 17.396,
199.987

 86, 17.396,
199.987


 100, 17.396,
199.987


 76, 17.396,
199.987


 66, 17.396,
199.987

 56, 17.396,
199.987

 46, 17.396,
199.987

 36, 17.396,
199.987

 26, 17.396,
199.987

 16, 17.396,

199.987

■ 6, 17.396, 199.987

■ 0, 17.396, 199.987

■ 86, 17.396,
199.987

■ 86, 17.396,
199.987

■ 85, 23.867,
199.617

■ 87, 10.308,
200.423

■ 84, 29.593,
199.328

■ 89, 2.730, 201.053

■ 91, 5.218, 21.223

■ 83, 34.456,
199.122

■ 92, 10.467, 22.050

■ 82, 38.366,
199.007

■ 92, 10.322, 23.273

■ 81, 41.275,

■ 92, 10.182, 24.530

198.988

93, 10.047, 25.822

81, 43.189,
199.068

93, 9.917, 27.148

81, 44.186,
199.246

93, 9.793, 28.508

80, 44.483,
199.402

Harmonies

Complementary

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



86, 17.396, 199.987



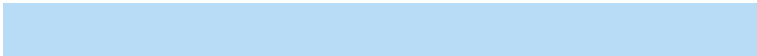
76, 20.388, 22.622

Rectangle

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



86, 17.396, 199.987



86, 17.396, 249.987



86, 17.396, 19.987



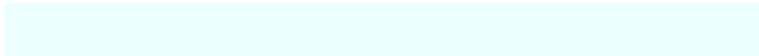
86, 17.396, 69.987

Sweetspot

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



86, 17.397, 199.982



99, 6.011, 200.770



85, 33.615, 143.324



53, 3.900, 200.733



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, 17.397, 199.982



95, 22.514, 199.801



79, 16.685, 260.731



46, 4.369, 200.630



64, 36.950, 199.351



17, 15.242, 198.857

Inverse Universe

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



77, 33.584, 326.236



83, 44.178, 326.494



82, 17.659, 74.231



44, 8.051, 325.447



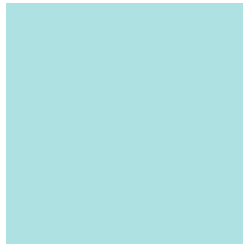
42, 86.215, 328.991



8, 35.479, 328.860

Previews

White Background



This preview shows how the CIELCh color 86, 17.396, 199.987 looks on a white background.

Color Contrast Check

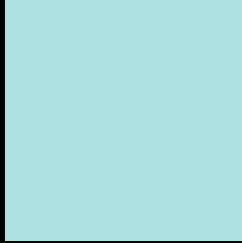
Large Text (above 18pt) WCAG AA × Fail

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, 17.396, 199.987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

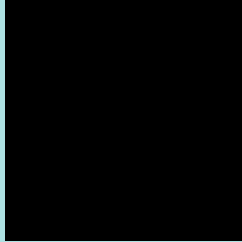
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

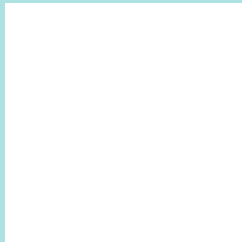
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 17.396, 199.987

Background



This preview shows how black text looks on a background with the CIELCh color 86, 17.396, 199.987.

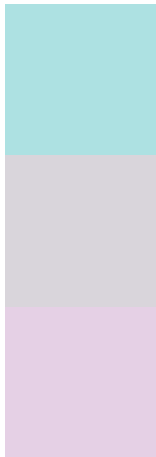


This preview shows how white text looks on a background with the CIELCh color 86, 17.396, 199.987.

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, 17.396, 199.987

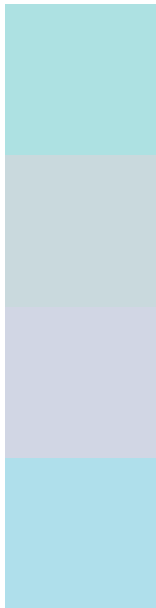
Protanopia
86, 3.486, 314.729

Deuteranopia
86, 13.385, 324.925



Tritanopia
86, 17.440, 231.559

Trichromacy



Original Color
86, 17.396, 199.987

Protanomaly
86, 5.953, 219.831

Deuteranomaly
86, 7.529, 277.404

Tritanomaly
86, 16.810, 220.575

Monochromacy



Original Color
86, 17.396, 199.987

Achromatopsia
84, 0.010, 296.813

Achromatomaly
85, 6.706, 199.010

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 17.396, 199.987 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(173, 225, 226)` looks like.

```
.text, #text, p{  
    color:rgb(173, 225, 226)  
}
```

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(173, 225, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 225, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 17.396, 199.987 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(173, 225, 226) }
```

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

```
.border{ border-color:rgb(173, 225, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 225, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 225, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 225, 226); box-shadow:4px 4px 4px 4px rgb(173, 225, 226) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 17.396, 199.987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 225, 226) }
```

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

```
.background{ background-color: rgb(173,  
225, 226) }
```

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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