

Converting Colors

CIELCh(86, 17.882, 213.709)

Have a look what the booklet for
CIELCh(86, 17.882, 213.709)
contains.

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Color

CIELCh(86, 17.889, 213.712)

Conversions

Conversions Part 1

Format	Color
Hex	ABE0E9
RGB	171, 224, 233
RGB Percent	67%, 88%, 91%
CMY	0.3287, 0.1208, 0.0855
CMYK	0.27, 0.04, 0.00, 0.09
HSL	189°, 59%, 79%
HSV	189°, 27%, 91%
XYZ	58.2778, 67.9871, 87.2856
YIQ	209.1790, -34.4770, -8.4370

Conversions

Conversions Part 2

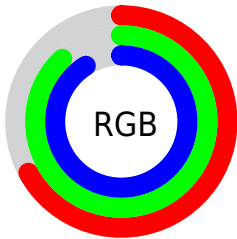
Format	Color
R _Y B	171, 200, 233
Decimal	11264233
CIE Lab	86.00, -14.88, -9.93
CIE LCh	86, 17.889, 213.712
Yxy	67.9871, 0.2729, 0.3184
Android (android.graphics.Color)	4289454313 (0xFFABE0E9)
YUV	209.1790, 11.7438, -33.4830
Hunter-Lab	82.4543, -18.1331, -5.0460

Details

The CIELCh color **86, 17.889, 213.712** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **78, 21.568, 33.767**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 9.184, 198.897**, and **66, 17.899, 212.480** is the 20% darker color. If you saturate the color by 10%, you get **84, 23.637, 214.113**, and if you desaturate by 10%, it is **88, 11.543, 213.485**.

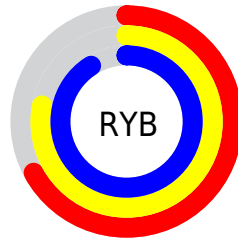
Distribution



Red (67%)

Green (88%)

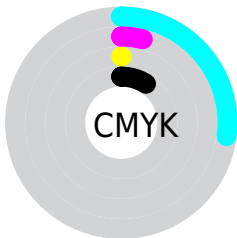
Blue (91%)



Red (67%)

Yellow (78%)

Blue (91%)

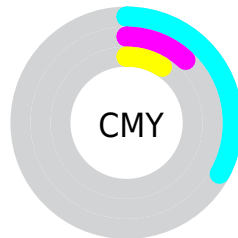


Cyan (27%)

Magenta (4%)

Yellow (0%)

Black (9%)



Cyan (33%)

Magenta (12%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 17.889, 213.712 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, 17.889, 213.712 by changing the saturation by 10% instead.

■ 86, 17.889,
213.712

■ 86, 17.889,
213.712

■ 100, 17.889,
213.712

■ 76, 17.889,
213.712

■ 66, 17.889,
213.712

■ 56, 17.889,
213.712

■ 46, 17.889,
213.712

■ 36, 17.889,
213.712

■ 26, 17.889,
213.712

■ 16, 17.889,

213.712

■ 6, 17.889, 213.712

■ 0, 17.889, 213.712

■ 86, 17.889,
213.712

■ 86, 17.889,
213.712

■ 84, 23.637,
214.113

■ 88, 11.543,
213.485

■ 82, 28.670,
214.740

■ 91, 4.713, 213.458

■ 80, 32.880,
215.637

■ 93, 2.494, 33.079

■ 78, 36.183,
216.864

■ 95, 6.642, 40.130

■ 77, 38.542,

■ 96, 6.424, 58.548

■ 97, 6.878, 76.270

218.483

98, 7.884, 90.582

76, 39.985,
220.557

99, 9.261, 101.113

75, 40.627,
223.128

99, 10.864,
108.694

74, 40.758,
224.074

Harmonies

Complementary

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



86, 17.889, 213.712



78, 21.568, 33.767

Rectangle

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



86, 17.889, 213.712



86, 17.889, 263.712



86, 17.889, 33.712



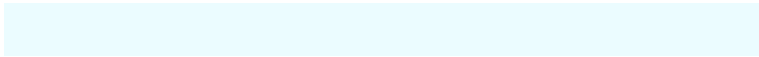
86, 17.889, 83.712

Sweetspot

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



86, 17.889, 213.707



98, 6.131, 213.442



87, 36.030, 146.399



52, 4.340, 213.436



0, 0.000, 0.000



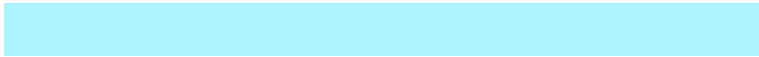
53, 0.007, 296.813

Same Dimension

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



86, 17.889, 213.707



92, 22.652, 213.908



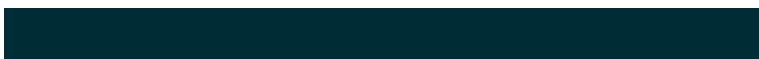
78, 22.058, 272.455



48, 4.053, 213.436



59, 33.739, 223.565



16, 14.560, 219.068

Inverse Universe

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



77, 35.813, 330.298



81, 46.250, 330.650



85, 22.448, 84.898



46, 7.652, 329.225



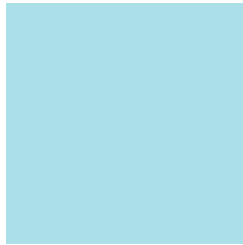
42, 79.787, 334.986



9, 34.731, 333.861

Previews

White Background



This preview shows how the CIE LCh color 86, 17.889, 213.712 looks on a white background.

Color Contrast Check

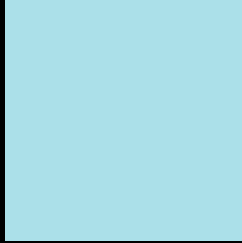
Large Text (above 18pt) WCAG AA × Fail

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, 17.889, 213.712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

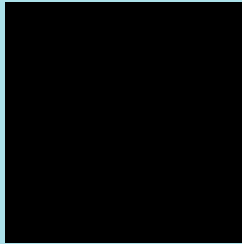
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 17.889, 213.712

Background



This preview shows how black text looks on a background with the CIELCh color 86, 17.889, 213.712.

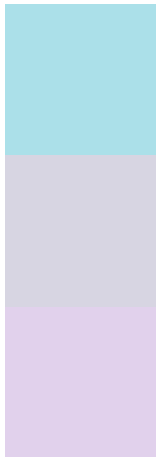


This preview shows how white text looks on a background with the CIELCh color 86, 17.889, 213.712.

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, 17.889, 213.712

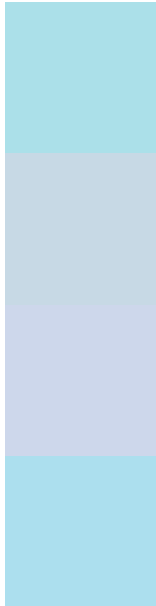
Protanopia
86, 6.881, 296.645

Deuteranopia
86, 15.328, 312.712



Tritanopia
86, 18.446, 229.474

Trichromacy



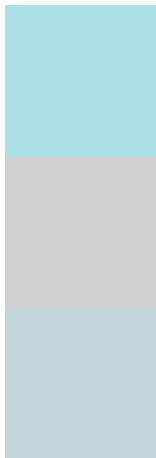
Original Color
86, 17.889, 213.712

Protanomaly
86, 8.731, 245.469

Deuteranomaly
86, 10.973, 272.871

Tritanomaly
86, 18.116, 224.341

Monochromacy



Original Color
86, 17.889, 213.712

Achromatopsia
84, 0.010, 296.813

Achromatomaly
85, 7.150, 211.794

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 17.889, 213.712 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(171, 224, 233)` looks like.

```
.text, #text, p{  
    color:rgb(171, 224, 233)  
}
```

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(171, 224, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 224, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 17.889, 213.712 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(171, 224, 233) }
```

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

```
.border{ border-color:rgb(171, 224, 233) }
```

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

Here you see how a box with a 4 pixel rgb(171, 224, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 224, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 224, 233);  
box-shadow:4px 4px 4px 4px rgb(171, 224,  
233) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 17.889, 213.712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 224, 233) }
```

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

```
.background{ background-color: rgb(171,  
224, 233) }
```

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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