

Converting Colors

CIELCh(86, 34.477, 174.470)

Have a look what the booklet for
CIELCh(86, 34.477, 174.470)
contains.

CIELCh(86, 34.532, 174.683)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIElCh(86, 34.532, 174.683)

Conversions

Conversions Part 1

Format	Color
Hex	88E9D0
RGB	136, 233, 208
RGB Percent	53%, 91%, 82%
CMY	0.4671, 0.0867, 0.1847
CMYK	0.42, 0.00, 0.11, 0.09
HSL	165°, 69%, 72%
HSV	165°, 42%, 91%
XYZ	50.6136, 67.9871, 70.0586
YIQ	201.1470, -49.7870, -28.3390

Conversions

Conversions Part 2

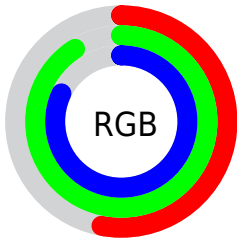
Format	Color
RYB	136, 192, 233
Decimal	8972752
CIELab	86.00, -34.38, 3.20
CIELCh	86, 34.532, 174.683
Yxy	67.9871, 0.2683, 0.3604
Android (android.graphics.Color)	4287162832 (0xFF88E9D0)
YUV	201.1470, 3.3785, -57.1339
Hunter-Lab	82.4543, -34.7248, 7.3413

Details

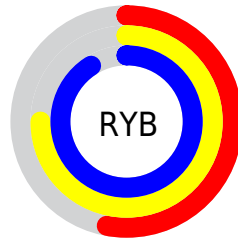
The CIELCh color **86, 34.532, 174.683** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **68, 40.019, 4.229**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 20.212, 198.174**, and **66, 34.560, 174.852** is the 20% darker color. If you saturate the color by 10%, you get **85, 41.492, 173.414**, and if you desaturate by 10%, it is **87, 26.902, 175.841**.

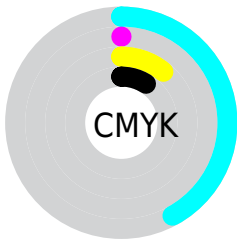
Distribution



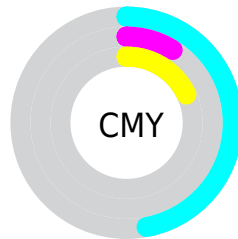
- Red (53%)
- Green (91%)
- Blue (82%)



- Red (53%)
- Yellow (75%)
- Blue (91%)



- Cyan (42%)
- Magenta (0%)
- Yellow (11%)
- Black (9%)





- Cyan (47%)
- Magenta (9%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 34.532, 174.683 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, 34.532, 174.683 by changing the saturation by 10% instead.

 86, 34.532,
174.683


 86, 34.532,
174.683


 100, 34.532,
174.683


 76, 34.532,
174.683

 66, 34.532,
174.683

 56, 34.532,
174.683

 46, 34.532,
174.683

 36, 34.532,
174.683


 26, 34.532,
174.683


 16, 34.532,


174.683


 6, 34.532, 174.683


 0, 34.532, 174.683


 86, 34.532,
174.683


 86, 34.532,
174.683


 85, 41.492,
173.414


 87, 26.902,
175.841

 84, 47.644,
172.013

 89, 18.749,
176.914

 83, 52.886,
170.454

 90, 10.223,
177.929

 83, 57.173,
168.714

 92, 1.456, 179.185

 83, 60.540,

 94, 7.435, 359.612

166.781

94, 9.712, 344.431

83, 62.809,
165.058

94, 11.758,
332.138

95, 13.805,
324.899

Harmonies

Complementary

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



86, 34.532, 174.683



68, 40.019, 4.229

Rectangle

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



86, 34.532, 174.683



86, 34.532, 224.683



86, 34.532, 354.683



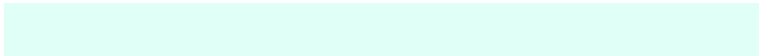
86, 34.532, 44.683

Sweetspot

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



86, 34.533, 174.681



98, 11.328, 177.888



86, 56.471, 134.608



52, 7.503, 177.756



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, 34.533, 174.681



92, 43.442, 173.599



80, 25.294, 226.704



48, 5.025, 178.149



66, 51.739, 165.425



19, 21.113, 168.894

Inverse Universe

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



68, 40.019, 4.229



69, 51.941, 5.951



72, 34.023, 42.651



46, 5.186, 359.801



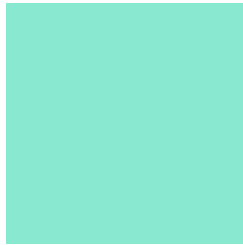
38, 69.294, 24.730



7, 27.823, 11.685

Previews

White Background



This preview shows how the CIE LCh color 86, 34.532, 174.683 looks on a white background.

Color Contrast Check

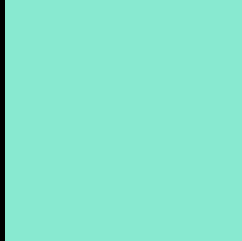
Large Text (above 18pt) WCAG AA × Fail

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, 34.532, 174.683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

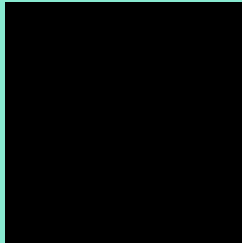
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

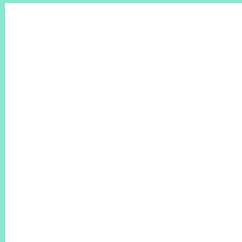
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 34.532, 174.683

Background



This preview shows how black text looks on a background with the CIELCh color 86, 34.532, 174.683.

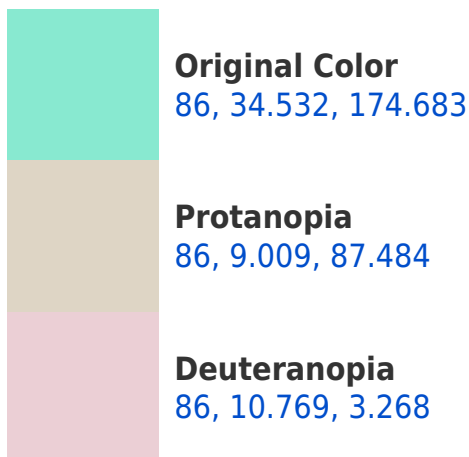


This preview shows how white text looks on a background with the CIELCh color 86, 34.532, 174.683.

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, 26.253, 220.439

Trichromacy



Original Color
86, 34.532, 174.683



Protanomaly
85, 14.550, 155.194



Deuteranomaly
85, 6.653, 175.723

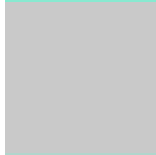


Tritanomaly
86, 27.204, 200.969

Monochromacy



Original Color
86, 34.532, 174.683



Achromatopsia
81, 0.010, 296.813



Achromatomaly
83, 13.648, 177.976

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 34.532, 174.683 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(136, 233, 208)` looks like.

```
.text, #text, p{  
    color:rgb(136, 233, 208)  
}
```

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(136, 233, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 233, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 34.532, 174.683 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(136, 233, 208) }
```

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

```
.border{ border-color:rgb(136, 233, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 233, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 233, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 233, 208);  
box-shadow:4px 4px 4px 4px rgb(136, 233,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 34.532, 174.683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 233, 208) }
```

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

```
.background{ background-color: rgb(136,  
233, 208) }
```

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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