

Converting Colors

CIELCh(86, 38.996, 159.197)

Have a look what the booklet for
CIELCh(86, 38.996, 159.197)
contains.

CIELCh(86, 38.671, 159.361)	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, 38.671, 159.361)

Conversions

Conversions Part 1

Format	Color
Hex	91E9BC
RGB	145, 233, 188
RGB Percent	57%, 91%, 74%
CMY	0.4310, 0.0859, 0.2624
CMYK	0.38, 0.00, 0.19, 0.09
HSL	149°, 67%, 74%
HSV	149°, 38%, 91%
XYZ	49.9401, 67.9871, 58.1132
YIQ	201.5580, -38.0030, -32.6510

Conversions

Conversions Part 2

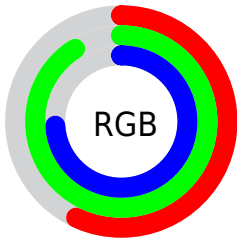
Format	Color
RYB	145, 204, 233
Decimal	9562556
CIELab	86.00, -36.19, 13.63
CIElCh	86, 38.671, 159.361
Yxy	67.9871, 0.2837, 0.3862
Android (android.graphics.Color)	4287752636 (0xFF91E9BC)
YUV	201.5580, -6.6841, -49.6014
Hunter-Lab	82.4543, -36.1829, 15.9309

Details

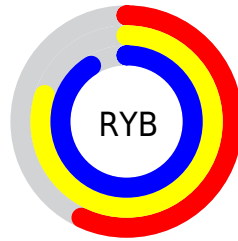
The CIELCh color **86, 38.671, 159.361** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **70, 40.357, 346.714**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 18.843, 180.776**, and **66, 38.654, 159.478** is the 20% darker color. If you saturate the color by 10%, you get **85, 48.185, 158.069**, and if you desaturate by 10%, it is **87, 28.700, 160.502**.

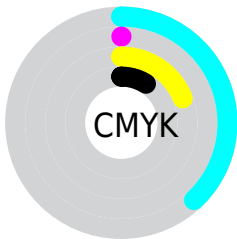
Distribution



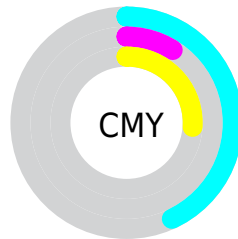
- Red (57%)
- Green (91%)
- Blue (74%)



- Red (57%)
- Yellow (80%)
- Blue (91%)



- Cyan (38%)
- Magenta (0%)
- Yellow (19%)
- Black (9%)





- Cyan (43%)
- Magenta (9%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 38.671, 159.361 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, 38.671, 159.361 by changing the saturation by 10% instead.


 86, 38.671,
159.361


 86, 38.671,
159.361


 100, 38.671,
159.361


 76, 38.671,
159.361

 66, 38.671,
159.361

 56, 38.671,
159.361

 46, 38.671,
159.361

 36, 38.671,
159.361


 26, 38.671,
159.361


 16, 38.671,


159.361

 6, 38.671, 159.361

 0, 38.671, 159.361


 86, 38.671,
159.361


 86, 38.671,
159.361

 85, 48.185,
158.069


 87, 28.700,
160.502

 84, 57.057,
156.602


 89, 18.442,
161.521

 83, 65.127,
154.936

 91, 8.055, 162.457

 82, 72.272,
153.057

 93, 2.333, 343.023

 94, 10.820,
336.261

 82, 78.445,

150.966

95, 13.681,
324.894

82, 83.708,
148.707

82, 84.822,
148.210

Harmonies

Complementary

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



86, 38.671, 159.361



70, 40.357, 346.714

Rectangle

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



86, 38.671, 159.361



86, 38.671, 209.361



86, 38.671, 339.361



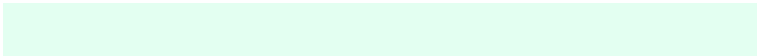
86, 38.671, 29.361

Sweetspot

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



86, 38.672, 159.360



98, 12.294, 162.153



88, 47.825, 126.690



52, 8.261, 162.027



0, 0.000, 0.000



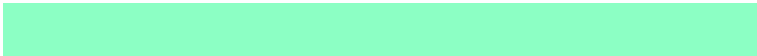
53, 0.007, 296.813

Same Dimension

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



86, 38.672, 159.360



92, 49.049, 158.412



87, 27.781, 195.981



48, 5.933, 162.299



65, 69.614, 148.615



19, 27.525, 152.599

Inverse Universe

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



70, 40.357, 346.714



72, 51.470, 347.681



69, 35.986, 21.757



46, 6.006, 343.784



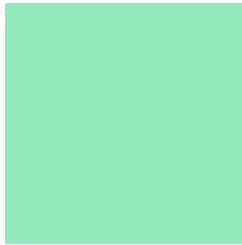
39, 65.674, 0.853



8, 28.720, 354.349

Previews

White Background



This preview shows how the CIE LCh color 86, 38.671, 159.361 looks on a white background.

Color Contrast Check

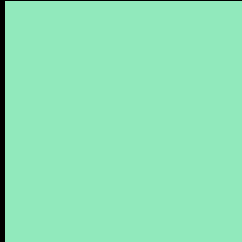
Large Text (above 18pt) WCAG AA × Fail

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, 38.671, 159.361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

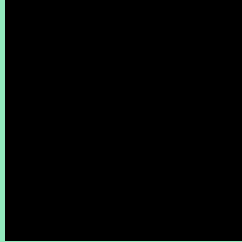
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 38.671, 159.361

Background



This preview shows how black text looks on a background with the CIELCh color 86, 38.671, 159.361.

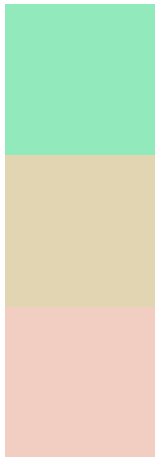


This preview shows how white text looks on a background with the CIELCh color 86, 38.671, 159.361.

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, 38.671, 159.361

Protanopia
86, 19.355, 94.662

Deuteranopia
85, 15.161, 44.610

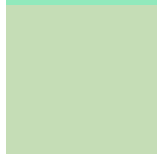


Tritanopia
86, 22.888, 224.196

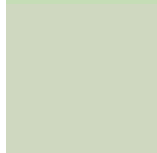
Trichromacy



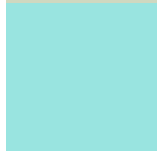
Original Color
86, 38.671, 159.361



Protanomaly
85, 22.293, 132.228



Deuteranomaly
85, 13.017, 124.028



Tritanomaly
86, 24.549, 192.809

Monochromacy



Original Color
86, 38.671, 159.361



Achromatopsia
81, 0.010, 296.813



Achromatomaly
83, 14.388, 162.389

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 38.671, 159.361 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(145, 233, 188)` looks like.

```
.text, #text, p{  
    color:rgb(145, 233, 188)  
}
```

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(145, 233, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 233, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 38.671, 159.361 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(145, 233, 188) }
```

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

```
.border{ border-color:rgb(145, 233, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 233, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(145, 233, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(145, 233, 188); box-shadow:4px 4px 4px 4px rgb(145, 233, 188) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 38.671, 159.361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 233, 188) }
```

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

```
.background{ background-color: rgb(145,  
233, 188) }
```

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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