

Converting Colors

CIELCh(86, 53.889, 171.397)

Have a look what the booklet for
CIELCh(86, 53.889, 171.397)
contains.

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Color

CIELCh(86, 54.027, 171.205)

Conversions

Conversions Part 1

Format	Color
Hex	43F1C6
RGB	67, 241, 198
RGB Percent	26%, 95%, 78%
CMY	0.7388, 0.0560, 0.2246
CMYK	0.72, 0.00, 0.18, 0.06
HSL	165°, 86%, 60%
HSV	165°, 72%, 94%
XYZ	43.8207, 67.9871, 64.0771
YIQ	184.0720, -89.9010, -50.2610

Conversions

Conversions Part 2

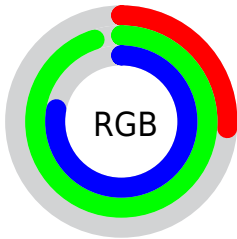
Format	Color
RYB	67, 166, 241
Decimal	4452806
CIELab	86.00, -53.39, 8.26
CIELCh	86, 54.027, 171.205
Yxy	67.9871, 0.2491, 0.3865
Android (android.graphics.Color)	4282642886 (0xFF43F1C6)
YUV	184.0720, 6.8665, -102.6721
Hunter-Lab	82.4543, -49.4304, 11.6424

Details

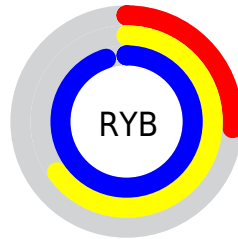
The CIELCh color **86, 54.027, 171.205** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light washed cyan. A complement of this color would be **56, 69.937, 13.238**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 34.920, 197.274**, and **67, 49.745, 169.127** is the 20% darker color. If you saturate the color by 10%, you get **86, 58.240, 169.475**, and if you desaturate by 10%, it is **87, 48.827, 172.754**.

Distribution



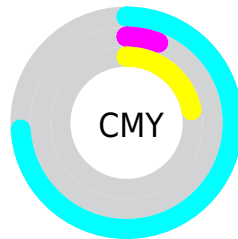
- Red (26%)
- Green (95%)
- Blue (78%)



- Red (26%)
- Yellow (65%)
- Blue (95%)



- Cyan (72%)
- Magenta (0%)
- Yellow (18%)
- Black (6%)





- Cyan (74%)
- Magenta (6%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 54.027, 171.205 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, 54.027, 171.205 by changing the saturation by 10% instead.


 86, 54.027,
171.205


 86, 54.027,
171.205


 100, 54.027,
171.205


 76, 54.027,
171.205

 66, 54.027,
171.205

 56, 54.027,
171.205

 46, 54.027,
171.205

 36, 54.027,
171.205

 26, 54.027,
171.205

 16, 54.027,

171.205

■ 6, 54.027, 171.205

■ 0, 54.027, 171.205

■ 86, 54.027,
171.205

■ 86, 54.027,
171.205

■ 86, 58.240,
169.475

■ 87, 48.827,
172.754

■ 85, 61.511,
167.554

■ 87, 42.680,
174.148


■ 85, 63.535,
165.988

■ 89, 35.684,
175.411

■ 90, 27.977,
176.567

■ 91, 19.712,

177.639

 93, 11.041,
178.653

 95, 2.105, 179.804

 96, 5.592, 355.071

 96, 7.393, 333.213

Harmonies

Complementary

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



86, 54.027, 171.205



56, 69.937, 13.238

Rectangle

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



86, 54.027, 171.205



86, 54.027, 221.205



86, 54.027, 351.205



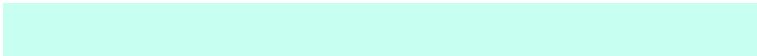
86, 54.027, 41.205

Sweetspot

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



86, 54.027, 171.204



96, 20.356, 177.666



85, 95.011, 133.486



51, 13.612, 177.382



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, 54.027, 171.204



90, 62.640, 168.550



75, 38.293, 235.949



49, 5.085, 178.940



66, 51.576, 166.368



20, 21.547, 169.598

Inverse Universe

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



56, 69.937, 13.238



55, 83.825, 19.847



62, 67.348, 45.053



47, 5.254, 0.591



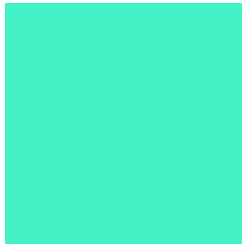
38, 70.492, 25.704



8, 28.878, 13.287

Previews

White Background



This preview shows how the CIE LCh color 86, 54.027, 171.205 looks on a white background.

Color Contrast Check

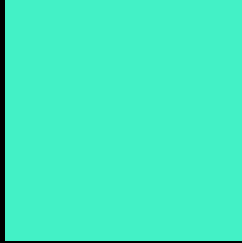
Large Text (above 18pt) WCAG AA × Fail

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, 54.027, 171.205 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, 54.027, 171.205

Background



This preview shows how black text looks on a background with the CIELCh color 86, 54.027, 171.205.

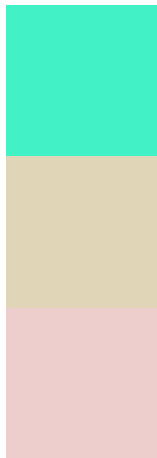


This preview shows how white text looks on a background with the CIELCh color 86, 54.027, 171.205.

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](#).

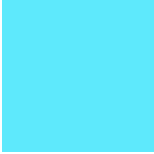
Dichromacy



Original Color
86, 54.027, 171.205

Protanopia
85, 16.235, 93.746

Deuteranopia
85, 11.586, 22.803



Tritanopia
86, 37.806, 212.624

Trichromacy



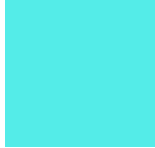
Original Color
86, 54.027, 171.205



Protanomaly
84, 27.400, 155.410



Deuteranomaly
84, 18.075, 168.393



Tritanomaly
86, 41.462, 193.785

Monochromacy



Original Color
86, 54.027, 171.205



Achromatopsia
75, 0.009, 296.813



Achromatomaly
78, 23.836, 176.489

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 54.027, 171.205 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(67, 241, 198)` looks like.

```
.text, #text, p{  
    color:rgb(67, 241, 198)  
}
```

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(67, 241, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 241, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 54.027, 171.205 is called "border". The border property can be set on classes, ids or directly on the HTML element.

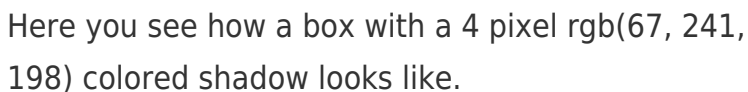
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(67, 241, 198) }
```

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

```
.border{ border-color:rgb(67, 241, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(67, 241, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(67, 241, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(67, 241, 198); box-shadow:4px 4px 4px 4px rgb(67, 241, 198) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 54.027, 171.205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 241, 198) }
```

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

```
.background{ background-color: rgb(67, 241,  
198) }
```

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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