

Converting Colors

CIELCh(86, 43.405, 194.458)

Have a look what the booklet for
CIELCh(86, 43.405, 194.458)
contains.

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Color

CIELCh(86, 43.302, 194.513)

Conversions

Conversions Part 1

Format	Color
Hex	47EDEA
RGB	71, 237, 234
RGB Percent	28%, 93%, 92%
CMY	0.7204, 0.0698, 0.0816
CMYK	0.70, 0.00, 0.01, 0.07
HSL	179°, 82%, 60%
HSV	179°, 70%, 93%
XYZ	47.8420, 67.9871, 88.5926
YIQ	187.0240, -97.9730, -36.1250

Conversions

Conversions Part 2

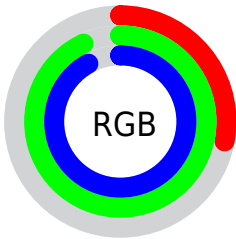
Format	Color
RYB	71, 155, 237
Decimal	4713962
CIELab	86.00, -41.92, -10.85
CIELCh	86, 43.302, 194.513
Yxy	67.9871, 0.2340, 0.3326
Android (android.graphics.Color)	4282904042 (0xFF47EDEA)
YUV	187.0240, 23.1592, -101.7530
Hunter-Lab	82.4543, -40.7249, -5.9858

Details

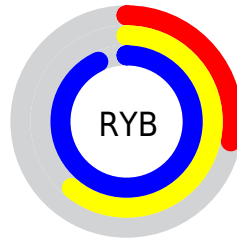
The CIELCh color **86, 43.302, 194.513** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **55, 72.650, 29.431**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 33.784, 197.342**, and **66, 38.901, 194.698** is the 20% darker color. If you saturate the color by 10%, you get **86, 45.832, 194.184**, and if you desaturate by 10%, it is **87, 39.721, 194.876**.

Distribution



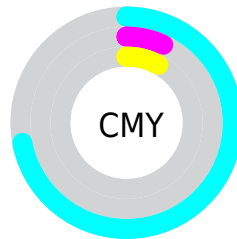
- Red (28%)
- Green (93%)
- Blue (92%)



- Red (28%)
- Yellow (61%)
- Blue (93%)



- Cyan (70%)
- Magenta (0%)
- Yellow (1%)
- Black (7%)





- Cyan (72%)
- Magenta (7%)
- Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 43.302, 194.513 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, 43.302, 194.513 by changing the saturation by 10% instead.


 86, 43.302,
194.513


 86, 43.302,
194.513


 100, 43.302,
194.513


 76, 43.302,
194.513

 66, 43.302,
194.513

 56, 43.302,
194.513

 46, 43.302,
194.513

 36, 43.302,
194.513

 26, 43.302,
194.513

 16, 43.302,

194.513

■ 6, 43.302, 194.513

■ 0, 43.302, 194.513

■ 86, 43.302,
194.513

■ 86, 43.302,
194.513

■ 86, 45.832,
194.184

■ 87, 39.721,
194.876

■ 85, 47.366,
193.885

■ 87, 35.106,
195.284

■ 85, 48.105,
193.603

■ 88, 29.524,
195.736

■ 85, 48.108,
193.602

■ 89, 23.084,
196.234

■ 91, 15.916,

196.777

 92, 8.160, 197.382

 94, 0.053, 5.929

 95, 6.386, 17.760

 95, 6.394, 15.795

Harmonies

Complementary

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



86, 43.302, 194.513



55, 72.650, 29.431

Rectangle

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



86, 43.302, 194.513



86, 43.302, 244.513



86, 43.302, 14.513



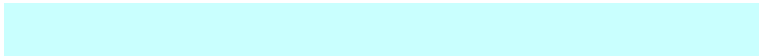
86, 43.302, 64.513

Sweetspot

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



86, 43.302, 194.512



96, 17.710, 196.713



83, 96.404, 137.600



51, 11.878, 196.559



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, 43.302, 194.512



91, 49.245, 194.050



64, 46.584, 267.883



49, 4.709, 197.412



68, 39.695, 193.646



20, 17.294, 194.022

Inverse Universe

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



55, 72.650, 29.431



55, 92.365, 34.748



69, 59.772, 63.322



47, 4.991, 18.473



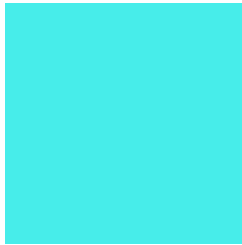
38, 80.878, 39.253



8, 29.738, 23.082

Previews

White Background



This preview shows how the CIE LCh color 86, 43.302, 194.513 looks on a white background.

Color Contrast Check

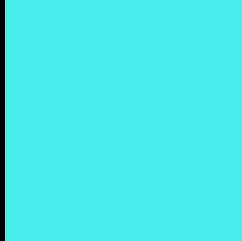
Large Text (above 18pt) WCAG AA × Fail

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, 43.302, 194.513 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, 43.302, 194.513

Background



This preview shows how black text looks on a background with the CIELCh color 86, 43.302, 194.513.

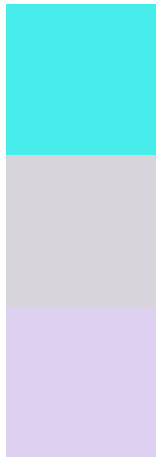


This preview shows how white text looks on a background with the CIELCh color 86, 43.302, 194.513.

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](#).

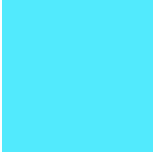
Dichromacy



Original Color
86, 43.302, 194.513

Protanopia
85, 3.854, 306.659

Deuteranopia
85, 18.011, 305.997

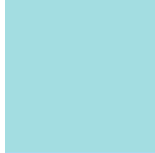


Tritanopia
86, 39.725, 211.746

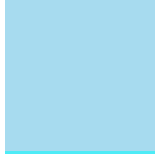
Trichromacy



Original Color
86, 43.302, 194.513



Protanomaly
84, 19.181, 204.483



Deuteranomaly
85, 19.427, 231.501

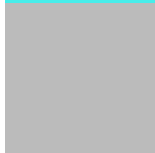


Tritanomaly
86, 40.628, 205.145

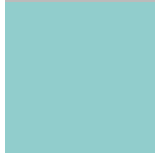
Monochromacy



Original Color
86, 43.302, 194.513



Achromatopsia
76, 0.009, 296.813



Achromatomaly
78, 20.108, 196.415

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 43.302, 194.513 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(71, 237, 234)` looks like.

```
.text, #text, p{  
    color:rgb(71, 237, 234)  
}
```

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(71, 237, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 237, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 43.302, 194.513 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(71, 237, 234) }
```

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

```
.border{ border-color:rgb(71, 237, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 237, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 237, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 237, 234);  
box-shadow:4px 4px 4px 4px rgb(71, 237,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 43.302, 194.513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 237, 234) }
```

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

```
.background{ background-color: rgb(71, 237,  
234) }
```

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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