

Converting Colors

CIELCh(86, 46.469, 185.679)

Have a look what the booklet for
CIELCh(86, 46.469, 185.679)
contains.

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Color

CIELCh(86, 46.710, 185.276)

Conversions

Conversions Part 1

Format	Color
Hex	43EFDE
RGB	67, 239, 222
RGB Percent	26%, 94%, 87%
CMY	0.7390, 0.0639, 0.1306
CMYK	0.72, 0.00, 0.07, 0.06
HSL	174°, 84%, 60%
HSV	174°, 72%, 94%
XYZ	46.2041, 67.9871, 79.5839
YIQ	185.6340, -97.0550, -41.7510

Conversions

Conversions Part 2

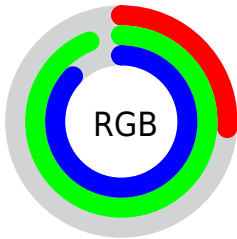
Format	Color
RYB	67, 157, 239
Decimal	4452318
CIELab	86.00, -46.51, -4.30
CIELCh	86, 46.710, 185.276
Yxy	67.9871, 0.2384, 0.3509
Android (android.graphics.Color)	4282642398 (0xFF43EFDE)
YUV	185.6340, 17.9284, -104.0420
Hunter-Lab	82.4543, -44.2708, 0.4920

Details

The CIELCh color **86, 46.710, 185.276** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light muted cyan. A complement of this color would be **55, 72.447, 24.622**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 34.696, 197.287**, and **67, 41.910, 184.574** is the 20% darker color. If you saturate the color by 10%, you get **86, 49.559, 184.263**, and if you desaturate by 10%, it is **87, 42.823, 186.213**.

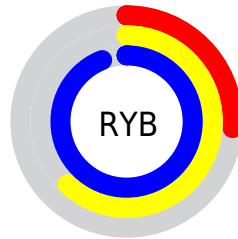
Distribution



Red (26%)

Green (94%)

Blue (87%)



Red (26%)

Yellow (62%)

Blue (94%)

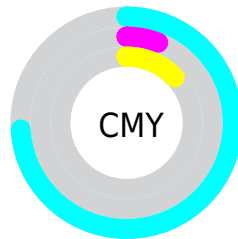


Cyan (72%)

Magenta (0%)

Yellow (7%)

Black (6%)



Cyan (74%)


Magenta (6%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 46.710, 185.276 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, 46.710, 185.276 by changing the saturation by 10% instead.


 86, 46.710,
185.276


 86, 46.710,
185.276


 100, 46.710,
185.276


 76, 46.710,
185.276

 66, 46.710,
185.276

 56, 46.710,
185.276

 46, 46.710,
185.276

 36, 46.710,
185.276

 26, 46.710,
185.276

 16, 46.710,

185.276

■ 6, 46.710, 185.276

■ 0, 46.710, 185.276

■ 86, 46.710,
185.276

■ 86, 46.710,
185.276

■ 86, 49.559,
184.263

■ 87, 42.823,
186.213

■ 85, 51.431,
183.159

■ 87, 37.918,
187.097

■ 85, 52.380,
182.232

■ 88, 32.068,
187.941

■ 89, 25.392,
188.761

■ 91, 18.026,

189.566

■ 92, 10.115,
190.376

■ 94, 1.799, 191.429

■ 96, 5.904, 10.455

■ 96, 6.205, 359.416

Harmonies

Complementary

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



86, 46.710, 185.276



55, 72.447, 24.622

Rectangle

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



86, 46.710, 185.276



86, 46.710, 235.276



86, 46.710, 5.276



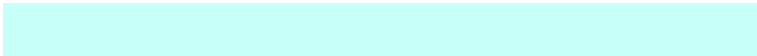
86, 46.710, 55.276

Sweetspot

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



86, 46.710, 185.275



96, 18.918, 189.570



84, 97.650, 136.402



51, 12.615, 189.351



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, 46.710, 185.275



91, 53.243, 183.702



67, 43.643, 260.069



49, 4.784, 190.598



67, 42.946, 182.442



20, 18.467, 184.225

Inverse Universe

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



55, 72.447, 24.622



55, 90.622, 31.127



67, 62.832, 57.059



47, 5.025, 11.978



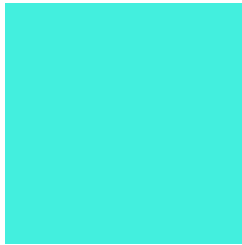
38, 77.524, 35.889



8, 29.355, 19.807

Previews

White Background



This preview shows how the CIE LCh color 86, 46.710, 185.276 looks on a white background.

Color Contrast Check

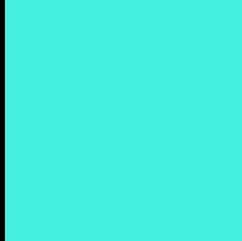
Large Text (above 18pt) WCAG AA × Fail

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, 46.710, 185.276 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, 46.710, 185.276

Background



This preview shows how black text looks on a background with the CIELCh color 86, 46.710, 185.276.

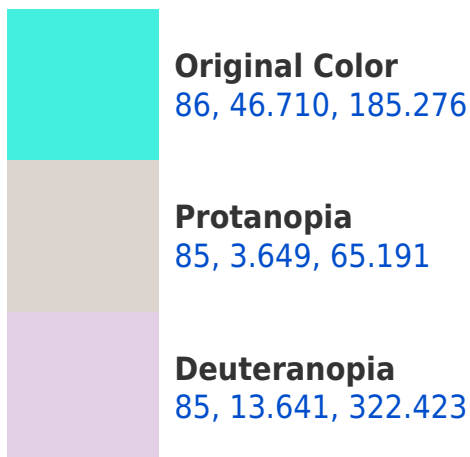


This preview shows how white text looks on a background with the CIELCh color 86, 46.710, 185.276.

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



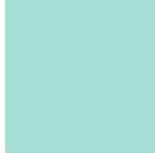


Tritanopia
86, 39.316, 211.925

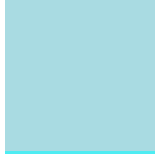
Trichromacy



Original Color
86, 46.710, 185.276



Protanomaly
84, 20.544, 183.057



Deuteranomaly
84, 16.903, 211.008

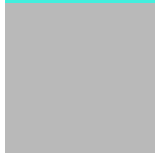


Tritanomaly
86, 41.159, 201.241

Monochromacy



Original Color
86, 46.710, 185.276



Achromatopsia
75, 0.009, 296.813



Achromatomaly
78, 21.709, 187.810

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 46.710, 185.276 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, 239, 222)` looks like.

```
.text, #text, p{  
    color:rgb(67, 239, 222)  
}
```

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, 239, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 239, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 46.710, 185.276 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, 239, 222) }
```

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

```
.border{ border-color:rgb(67, 239, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 239, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 239, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 239, 222);  
box-shadow:4px 4px 4px 4px rgb(67, 239,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 46.710, 185.276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 239, 222) }
```

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

```
.background{ background-color: rgb(67, 239,  
222) }
```

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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