

Converting Colors

CIELCh(86, 42.686, 210.524)

Have a look what the booklet for
CIELCh(86, 42.686, 210.524)
contains.

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Color

CIELCh(86, 42.683, 210.530)

Conversions

Conversions Part 1

Format	Color
Hex	3BECFF
RGB	59, 236, 255
RGB Percent	23%, 93%, 100%
CMY	0.7701, 0.0754, 0.0009
CMYK	0.77, 0.07, 0.00, 0.00
HSL	186°, 100%, 61%
HSV	186°, 77%, 100%
XYZ	49.7263, 67.9871, 104.9217
YIQ	185.2430, -111.5910, -31.6150

Conversions

Conversions Part 2

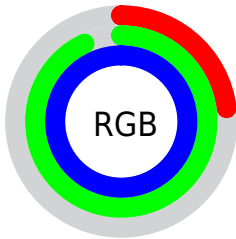
Format	Color
RYB	59, 152, 255
Decimal	3927295
CIELab	86.00, -36.77, -21.68
CIElCh	86, 42.683, 210.530
Yxy	67.9871, 0.2234, 0.3054
Android (android.graphics.Color)	4282117375 (0xFF3BECFF)
YUV	185.2430, 34.3902, -110.7151
Hunter-Lab	82.4543, -36.6456, -17.7275

Details

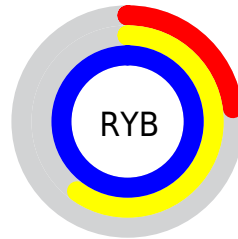
The CIELCh color **86, 42.683, 210.530** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **59, 82.197, 36.845**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 35.142, 197.260**, and **67, 37.149, 212.466** is the 20% darker color. If you saturate the color by 10%, you get **85, 44.100, 211.807**, and if you desaturate by 10%, it is **87, 40.216, 209.561**.

Distribution



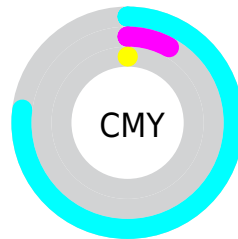
- Red (23%)
- Green (93%)
- Blue (100%)



- Red (23%)
- Yellow (60%)
- Blue (100%)



- Cyan (77%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)





- Cyan (77%)
- Magenta (8%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 42.683, 210.530 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, 42.683, 210.530 by changing the saturation by 10% instead.


 86, 42.683,
210.530


 86, 42.683,
210.530


 100, 42.683,
210.530


 76, 42.683,
210.530

 66, 42.683,
210.530

 56, 42.683,
210.530

 46, 42.683,
210.530

 36, 42.683,
210.530

 26, 42.683,
210.530

 16, 42.683,

210.530

■ 6, 42.683, 210.530

■ 0, 42.683, 210.530

■ 86, 42.683,
210.530

■ 86, 42.683,
210.530

■ 85, 44.100,
211.807

■ 87, 40.216,
209.561

■ 84, 44.594,
213.418

■ 89, 36.672,
208.866

■ 84, 44.646,
213.943

■ 90, 32.091,
208.404

■ 92, 26.565,
208.139

■ 94, 20.215,

208.038

■ 96, 13.174,
208.076

■ 98, 5.576, 208.270

100, 0.101,
109.403

Harmonies

Complementary

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



86, 42.683, 210.530



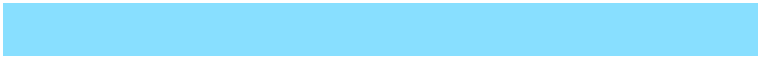
59, 82.197, 36.845

Rectangle

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



86, 42.683, 210.530



86, 42.683, 260.530



86, 42.683, 30.530



86, 42.683, 80.530

Sweetspot

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



86, 42.682, 210.529



95, 17.493, 208.037



88, 104.842, 138.968



50, 11.948, 208.037



0, 0.000, 0.000



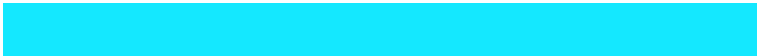
53, 0.007, 296.813

Same Dimension

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



86, 42.682, 210.529



85, 44.480, 212.573



59, 65.516, 282.676



52, 4.508, 208.199



65, 36.031, 213.606



21, 16.740, 211.301

Inverse Universe

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



62, 99.697, 331.509



60, 106.035, 332.222



77, 70.193, 72.792



50, 8.475, 327.705



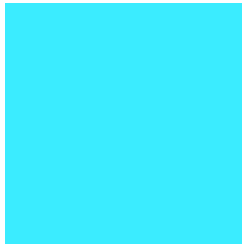
44, 86.258, 332.517



12, 40.047, 331.953

Previews

White Background



This preview shows how the CIE LCh color 86, 42.683, 210.530 looks on a white background.

Color Contrast Check

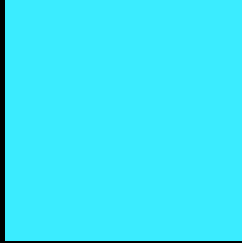
Large Text (above 18pt) WCAG AA × Fail

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, 42.683, 210.530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

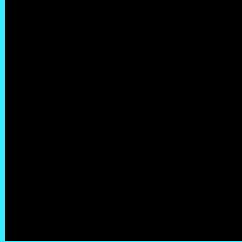
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 42.683, 210.530

Background



This preview shows how black text looks on a background with the CIELCh color 86, 42.683, 210.530.



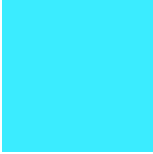
This preview shows how white text looks on a background with the CIELCh color 86, 42.683, 210.530.

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



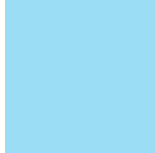


Tritanopia
86, 42.683, 210.530

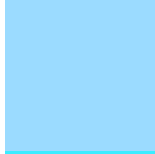
Trichromacy



Original Color
86, 42.683, 210.530



Protanomaly
85, 23.852, 230.469



Deuteranomaly
84, 26.502, 244.542

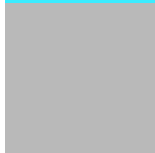


Tritanomaly
86, 42.683, 210.530

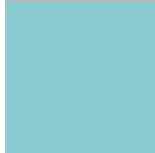
Monochromacy



Original Color
86, 42.683, 210.530



Achromatopsia
75, 0.009, 296.813



Achromatomaly
78, 21.056, 208.291

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 42.683, 210.530 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(59, 236, 255)` looks like.

```
.text, #text, p{  
    color:rgb(59, 236, 255)  
}
```

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(59, 236, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 236, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 42.683, 210.530 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(59, 236, 255) }
```

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

```
.border{ border-color:rgb(59, 236, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 236, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 236, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 236, 255);  
box-shadow:4px 4px 4px 4px rgb(59, 236,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 42.683, 210.530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 236, 255) }
```

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

```
.background{ background-color: rgb(59, 236,  
255) }
```

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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