

Converting Colors

CIELCh(85, 35.398, 197.142)

Have a look what the booklet for
CIELCh(85, 35.398, 197.142)
contains.

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Color

CIELCh(85, 35.522, 197.074)

Conversions

Conversions Part 1

Format	Color
Hex	6DE7E7
RGB	109, 231, 231
RGB Percent	43%, 91%, 91%
CMY	0.5736, 0.0951, 0.0951
CMYK	0.53, 0.00, 0.00, 0.10
HSL	180°, 72%, 67%
HSV	180°, 53%, 90%
XYZ	49.1726, 66.0070, 85.5727
YIQ	194.5220, -72.7120, -25.8640

Conversions

Conversions Part 2

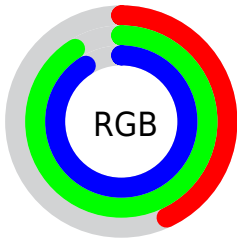
Format	Color
RYB	109, 170, 231
Decimal	7202791
CIELab	85.00, -33.96, -10.43
CIELCh	85, 35.522, 197.074
Yxy	66.0070, 0.2449, 0.3288
Android (android.graphics.Color)	4285392871 (0xFF6DE7E7)
YUV	194.5220, 17.9837, -75.0028
Hunter-Lab	81.2447, -34.1428, -5.5771

Details

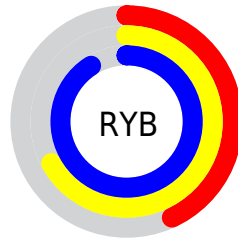
The CIELCh color **85, 35.522, 197.074** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **61, 52.549, 25.819**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 26.754, 197.768**, and **65, 35.577, 196.554** is the 20% darker color. If you saturate the color by 10%, you get **84, 39.667, 196.810**, and if you desaturate by 10%, it is **86, 30.402, 197.401**.

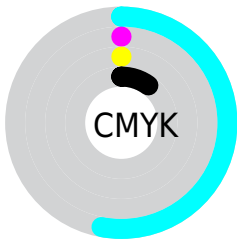
Distribution



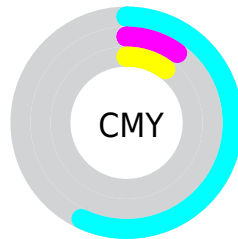
- Red (43%)
- Green (91%)
- Blue (91%)



- Red (43%)
- Yellow (67%)
- Blue (91%)



- Cyan (53%)
- Magenta (0%)
- Yellow (0%)
- Black (10%)





- Cyan (57%)
- Magenta (10%)
- Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 35.522, 197.074 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 85, 35.522, 197.074 by changing the saturation by 10% instead.


 85, 35.522,
197.074


 85, 35.522,
197.074


 100, 35.522,
197.074


 75, 35.522,
197.074

 65, 35.522,
197.074

 55, 35.522,
197.074

 45, 35.522,
197.074

 35, 35.522,
197.074

 25, 35.522,
197.074

 15, 35.522,

197.074

■ 5, 35.522, 197.074

■ 0, 35.522, 197.074

■ 85, 35.522,
197.074

■ 85, 35.522,
197.074

■ 84, 39.667,
196.810

■ 86, 30.402,
197.401

■ 84, 42.788,
196.614

■ 87, 24.399,
197.795

■ 84, 44.893,
196.483

■ 88, 17.634,
198.249

■ 83, 46.059,
196.411

■ 89, 10.238,
198.769

■ 83, 46.469,

■ 91, 2.344, 199.507

196.386

■ 93, 5.924, 19.711

■ 93, 8.784, 19.943

■ 93, 8.784, 19.943

■ 93, 8.784, 19.943

Harmonies

Complementary

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



85, 35.522, 197.074



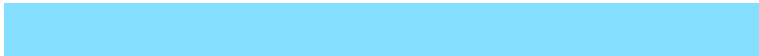
61, 52.549, 25.819

Rectangle

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



85, 35.522, 197.074



85, 35.522, 247.074



85, 35.522, 17.074



85, 35.522, 67.074

Sweetspot

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



85, 35.522, 197.072



97, 13.667, 198.594



83, 75.430, 139.690



52, 9.170, 198.485



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



85, 35.522, 197.072



92, 42.962, 196.799



68, 36.014, 263.934



47, 4.537, 198.969



66, 38.346, 196.386



18, 16.092, 196.386

Inverse Universe

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



61, 52.549, 25.819



62, 69.440, 28.525



74, 42.793, 67.101



45, 4.817, 19.935



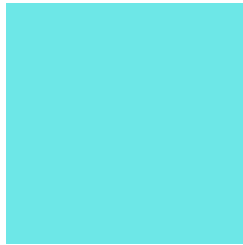
37, 79.984, 39.972



6, 27.105, 21.758

Previews

White Background



This preview shows how the CIE LCh color 85, 35.522, 197.074 looks on a white background.

Color Contrast Check

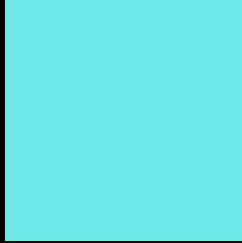
Large Text (above 18pt) WCAG AA × Fail

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 85, 35.522, 197.074 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 85, 35.522, 197.074

Background



This preview shows how black text looks on a background with the CIELCh color 85, 35.522, 197.074.

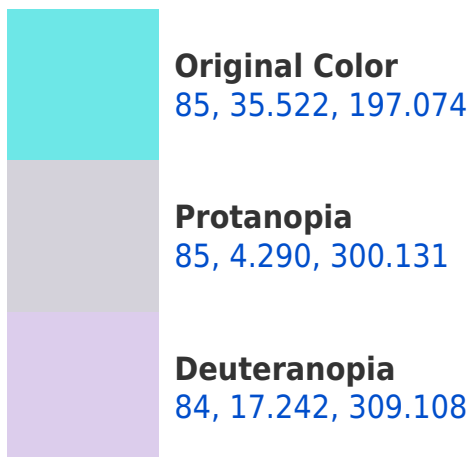


This preview shows how white text looks on a background with the CIELCh color 85, 35.522, 197.074.

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
85, 33.151, 215.169

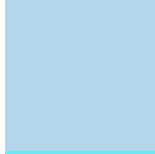
Trichromacy



Original Color
85, 35.522, 197.074



Protanomaly
84, 14.985, 208.617



Deuteranomaly
84, 15.190, 243.066

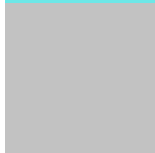


Tritanomaly
85, 33.590, 208.246

Monochromacy



Original Color
85, 35.522, 197.074



Achromatopsia
78, 0.009, 296.813



Achromatomaly
80, 15.090, 198.336

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 35.522, 197.074 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(109, 231, 231)` looks like.

```
.text, #text, p{  
    color:rgb(109, 231, 231)  
}
```

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(109, 231, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 231, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 35.522, 197.074 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(109, 231, 231) }
```

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

```
.border{ border-color:rgb(109, 231, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 231, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 231, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 231, 231);  
box-shadow:4px 4px 4px 4px rgb(109, 231,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 35.522, 197.074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 231, 231) }
```

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

```
.background{ background-color: rgb(109,  
231, 231) }
```

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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