

Converting Colors

CIELCh(85, 41.348, 196.877)

Have a look what the booklet for
CIELCh(85, 41.348, 196.877)
contains.

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Color

CIELCh(85, 41.115, 197.485)

Conversions

Conversions Part 1

Format	Color
Hex	4EE9EA
RGB	78, 233, 234
RGB Percent	31%, 91%, 92%
CMY	0.6928, 0.0853, 0.0814
CMYK	0.67, 0.00, 0.00, 0.08
HSL	180°, 79%, 61%
HSV	180°, 67%, 92%
XYZ	47.2650, 66.0070, 88.2765
YIQ	186.7690, -92.7010, -32.5490

Conversions

Conversions Part 2

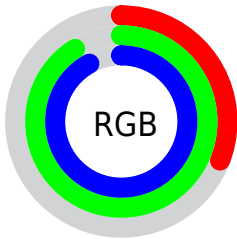
Format	Color
RYB	78, 156, 234
Decimal	5171690
CIELab	85.00, -39.22, -12.35
CIElCh	85, 41.115, 197.485
Yxy	66.0070, 0.2345, 0.3275
Android (android.graphics.Color)	4283361770 (0xFF4EE9EA)
YUV	186.7690, 23.2849, -95.3904
Hunter-Lab	81.2447, -38.3338, -7.5503

Details

The CIELCh color **85, 41.115, 197.485** 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 **56, 68.568, 29.800**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 32.849, 197.398**, and **65, 37.960, 197.254** is the 20% darker color. If you saturate the color by 10%, you get **85, 43.847, 197.373**, and if you desaturate by 10%, it is **86, 37.341, 197.671**.

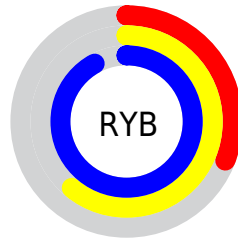
Distribution



Red (31%)

Green (91%)

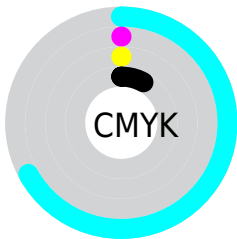
Blue (92%)



Red (31%)

Yellow (61%)

Blue (92%)

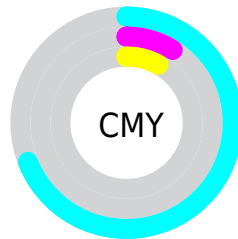


Cyan (67%)

Magenta (0%)

Yellow (0%)

Black (8%)



Cyan (69%)


Magenta (9%)


Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 41.115, 197.485 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, 41.115, 197.485 by changing the saturation by 10% instead.


 85, 41.115,
197.485


 85, 41.115,
197.485


 100, 41.115,
197.485


 75, 41.115,
197.485

 65, 41.115,
197.485

 55, 41.115,
197.485

 45, 41.115,
197.485

 35, 41.115,
197.485

 25, 41.115,
197.485

 15, 41.115,

197.485

■ 5, 41.115, 197.485

■ 0, 41.115, 197.485

■ 85, 41.115,
197.485

■ 85, 41.115,
197.485

■ 85, 43.847,
197.373

■ 86, 37.341,
197.671

■ 84, 45.570,
197.338

■ 86, 32.557,
197.934

■ 84, 46.394,
197.371

■ 87, 26.843,
198.269

■ 84, 46.563,
197.391

■ 89, 20.312,
198.672

■ 90, 13.096,

199.140

■ 92, 5.328, 199.709

■ 93, 2.862, 19.913

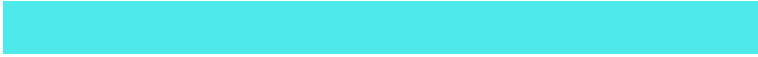
■ 94, 7.408, 20.622

■ 94, 7.355, 21.218

Harmonies

Complementary

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



85, 41.115, 197.485



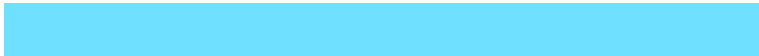
56, 68.568, 29.800

Rectangle

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



85, 41.115, 197.485



85, 41.115, 247.485



85, 41.115, 17.485



85, 41.115, 67.485

Sweetspot

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



85, 41.115, 197.484



97, 16.760, 198.966



82, 92.676, 138.435



51, 11.327, 198.834



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, 41.115, 197.484



91, 47.579, 197.351



63, 46.317, 270.414



48, 4.589, 199.523



66, 38.399, 197.374



19, 16.465, 197.228

Inverse Universe

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



61, 90.859, 327.881



62, 108.211, 328.247



71, 56.060, 66.900



46, 8.421, 325.113



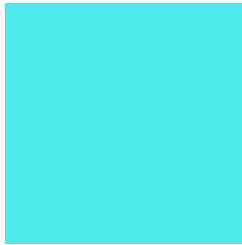
43, 88.920, 328.487



9, 38.105, 328.449

Previews

White Background



This preview shows how the CIE LCh color 85, 41.115, 197.485 looks on a white background.

Color Contrast Check

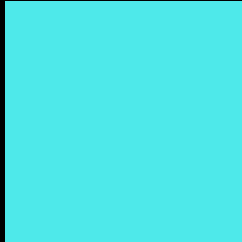
Large Text (above 18pt) WCAG AA × Fail

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, 41.115, 197.485 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, 41.115, 197.485

Background



This preview shows how black text looks on a background with the CIELCh color 85, 41.115, 197.485.

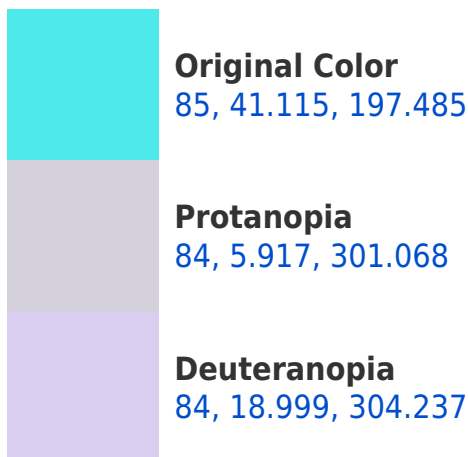


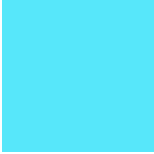
This preview shows how white text looks on a background with the CIELCh color 85, 41.115, 197.485.

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



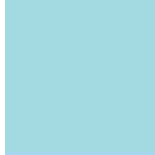


Tritanopia
85, 38.483, 212.321

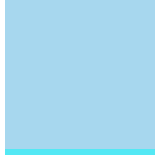
Trichromacy



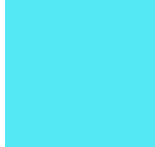
Original Color
85, 41.115, 197.485



Protanomaly
84, 18.386, 209.884



Deuteranomaly
83, 19.292, 237.846

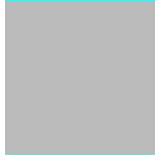


Tritanomaly
85, 39.194, 206.331

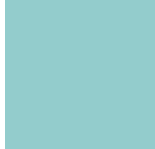
Monochromacy



Original Color
85, 41.115, 197.485



Achromatopsia
76, 0.009, 296.813



Achromatomaly
78, 19.148, 198.021

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 41.115, 197.485 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(78, 233, 234)` looks like.

```
.text, #text, p{  
    color:rgb(78, 233, 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(78, 233, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 233, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 41.115, 197.485 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(78, 233, 234) }
```

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

```
.border{ border-color:rgb(78, 233, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 233, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 233, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 233, 234);  
box-shadow:4px 4px 4px 4px rgb(78, 233,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 41.115, 197.485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 233, 234) }
```

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

```
.background{ background-color: rgb(78, 233,  
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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