

Converting Colors

CIELCh(85, 43.940, 169.587)

Have a look what the booklet for
CIELCh(85, 43.940, 169.587)
contains.

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Color

CIELCh(85, 44.130, 169.518)

Conversions

Conversions Part 1

Format	Color
Hex	6FEAC4
RGB	111, 234, 196
RGB Percent	44%, 92%, 77%
CMY	0.5659, 0.0835, 0.2325
CMYK	0.53, 0.00, 0.16, 0.08
HSL	161°, 74%, 68%
HSV	161°, 53%, 92%
XYZ	45.7851, 66.0070, 62.3812
YIQ	192.8910, -61.1100, -37.8940

Conversions

Conversions Part 2

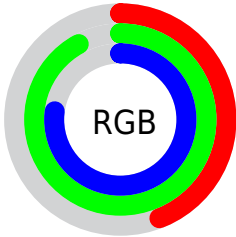
Format	Color
RYB	111, 184, 234
Decimal	7334596
CIELab	85.00, -43.39, 8.03
CIELCh	85, 44.130, 169.518
Yxy	66.0070, 0.2629, 0.3790
Android (android.graphics.Color)	4285524676 (0xFF6FEAC4)
YUV	192.8910, 1.5327, -71.8184
Hunter-Lab	81.2447, -41.5852, 11.3473

Details

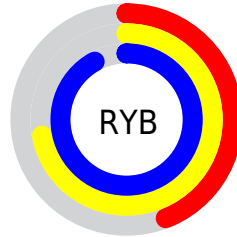
The CIELCh color **85, 44.130, 169.518** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **62, 51.376, 2.661**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 26.915, 195.543**, and **65, 44.516, 169.121** is the 20% darker color. If you saturate the color by 10%, you get **84, 50.689, 168.025**, and if you desaturate by 10%, it is **86, 36.782, 170.857**.

Distribution



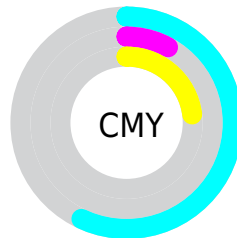
- Red (44%)
- Green (92%)
- Blue (77%)



- Red (44%)
- Yellow (72%)
- Blue (92%)



- Cyan (53%)
- Magenta (0%)
- Yellow (16%)
- Black (8%)




- Cyan (57%)
- Magenta (8%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 44.130, 169.518 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, 44.130, 169.518 by changing the saturation by 10% instead.

 85, 44.130,
169.518


 85, 44.130,
169.518

 100, 44.130,
169.518


 75, 44.130,
169.518

 65, 44.130,
169.518

 55, 44.130,
169.518

 45, 44.130,
169.518

 35, 44.130,
169.518

 25, 44.130,
169.518

 15, 44.130,

169.518

■ 5, 44.130, 169.518

■ 0, 44.130, 169.518

■ 85, 44.130,
169.518

■ 85, 44.130,
169.518

■ 84, 50.689,
168.025

■ 86, 36.782,
170.857

■ 84, 56.350,
166.354

■ 87, 28.782,
172.069

■ 83, 61.068,
164.486

■ 89, 20.287,
173.180

■ 83, 64.880,
162.413

■ 90, 11.447,
174.215


■ 83, 67.254,


■ 92, 2.399, 175.334

160.804

 94, 6.740, 355.915

 95, 9.951, 339.772

 95, 12.651,
326.909

 95, 13.294,
324.880

Harmonies

Complementary

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



85, 44.130, 169.518



62, 51.376, 2.661

Rectangle

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



85, 44.130, 169.518



85, 44.130, 219.518



85, 44.130, 349.518



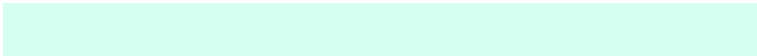
85, 44.130, 39.518

Sweetspot

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



85, 44.131, 169.517



97, 15.508, 173.865



85, 69.610, 132.558



51, 10.447, 173.652



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, 44.131, 169.517



91, 54.577, 167.920



80, 30.779, 220.823



48, 5.174, 174.536



65, 55.200, 161.197



19, 22.325, 164.904

Inverse Universe

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



62, 51.376, 2.661



63, 65.099, 5.328



66, 46.373, 38.636



46, 5.314, 356.196



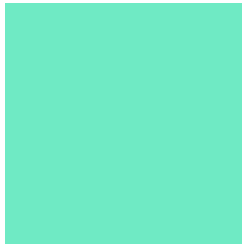
38, 67.495, 20.219



7, 27.799, 8.848

Previews

White Background



This preview shows how the CIE LCh color 85, 44.130, 169.518 looks on a white background.

Color Contrast Check

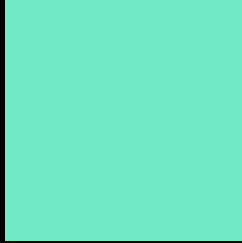
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 85, 44.130, 169.518 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, 44.130, 169.518

Background



This preview shows how black text looks on a background with the CIELCh color 85, 44.130, 169.518.

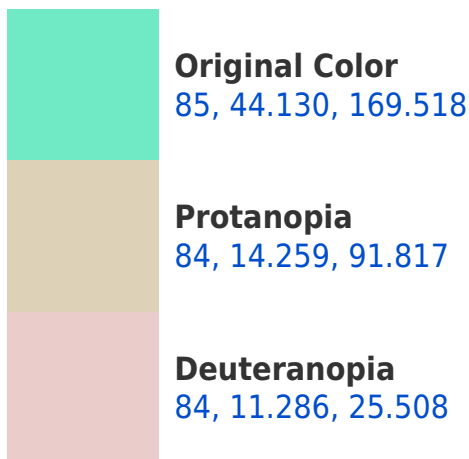


This preview shows how white text looks on a background with the CIELCh color 85, 44.130, 169.518.

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, 30.645, 215.760

Trichromacy



Original Color
85, 44.130, 169.518



Protanomaly
84, 21.519, 148.809



Deuteranomaly
84, 12.354, 158.798

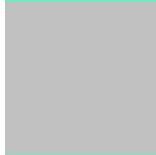


Tritanomaly
85, 32.947, 195.365

Monochromacy



Original Color
85, 44.130, 169.518



Achromatopsia
78, 0.009, 296.813



Achromatomaly
80, 17.692, 173.145

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 44.130, 169.518 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(111, 234, 196)` looks like.

```
.text, #text, p{  
    color:rgb(111, 234, 196)  
}
```

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(111, 234, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 234, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 44.130, 169.518 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(111, 234, 196) }
```

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

```
.border{ border-color:rgb(111, 234, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 234, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 234, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 234, 196);  
box-shadow:4px 4px 4px 4px rgb(111, 234,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 44.130, 169.518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 234, 196) }
```

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

```
.background{ background-color: rgb(111,  
234, 196) }
```

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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