

Converting Colors

CIELCh(85, 39.625, 170.246)

Have a look what the booklet for
CIELCh(85, 39.625, 170.246)
contains.

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Color

CIELCh(85, 39.707, 169.933)

Conversions

Conversions Part 1

Format	Color
Hex	7CE8C6
RGB	124, 232, 198
RGB Percent	49%, 91%, 78%
CMY	0.5141, 0.0906, 0.2239
CMYK	0.47, 0.00, 0.15, 0.09
HSL	161°, 70%, 70%
HSV	161°, 47%, 91%
XYZ	47.3079, 66.0070, 63.6146
YIQ	195.8320, -53.4540, -33.4700

Conversions

Conversions Part 2

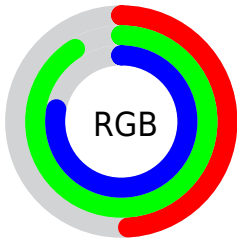
Format	Color
RYB	124, 188, 232
Decimal	8186054
CIELab	85.00, -39.10, 6.94
CIElCh	85, 39.707, 169.933
Yxy	66.0070, 0.2674, 0.3731
Android (android.graphics.Color)	4286376134 (0xFF7CE8C6)
YUV	195.8320, 1.0688, -62.9967
Hunter-Lab	81.2447, -38.2397, 10.4472

Details

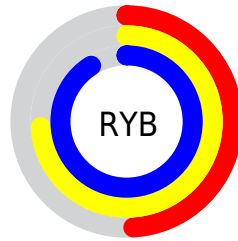
The CIELCh color **85, 39.707, 169.933** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **65, 45.324, 0.970**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 23.419, 197.974**, and **65, 39.873, 169.637** is the 20% darker color. If you saturate the color by 10%, you get **84, 46.773, 168.530**, and if you desaturate by 10%, it is **86, 31.943, 171.195**.

Distribution



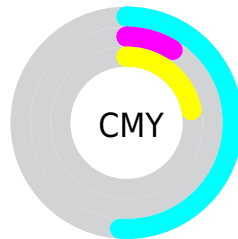
- Red (49%)
- Green (91%)
- Blue (78%)



- Red (49%)
- Yellow (74%)
- Blue (91%)



- Cyan (47%)
- Magenta (0%)
- Yellow (15%)
- Black (9%)





- Cyan (51%)
- Magenta (9%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 39.707, 169.933 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, 39.707, 169.933 by changing the saturation by 10% instead.


 85, 39.707,
169.933


 85, 39.707,
169.933


 100, 39.707,
169.933


 75, 39.707,
169.933

 65, 39.707,
169.933

 55, 39.707,
169.933

 45, 39.707,
169.933

 35, 39.707,
169.933


 25, 39.707,
169.933


 15, 39.707,


169.933


 5, 39.707, 169.933


 0, 39.707, 169.933

 85, 39.707,
169.933


 85, 39.707,
169.933

 84, 46.773,
168.530


 86, 31.943,
171.195

 83, 53.009,
166.965

 87, 23.629,
172.344

 83, 58.330,
165.211

 89, 14.921,
173.406

 82, 62.718,
163.253

 91, 5.960, 174.428

 82, 66.252,

 93, 3.130, 355.075

161.097

94, 9.677, 348.695

82, 67.359,
160.351

94, 12.033,
333.264

94, 14.425,
324.921

Harmonies

Complementary

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



85, 39.707, 169.933



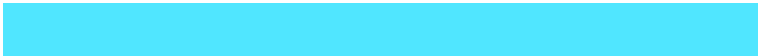
65, 45.324, 0.970

Rectangle

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



85, 39.707, 169.933



85, 39.707, 219.933



85, 39.707, 349.933



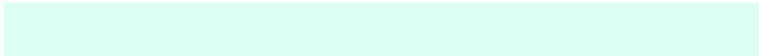
85, 39.707, 39.933

Sweetspot

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



85, 39.708, 169.932



97, 13.646, 173.661



85, 61.693, 132.874



52, 9.402, 173.439



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, 39.708, 169.932



92, 50.054, 168.572



80, 27.959, 220.093



47, 5.100, 174.129



65, 55.009, 160.760



18, 21.713, 164.702

Inverse Universe

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



65, 45.324, 0.970



66, 58.552, 3.047



68, 39.806, 38.231



45, 5.235, 355.783



38, 66.591, 19.607



7, 26.675, 7.663

Previews

White Background



This preview shows how the CIE LCh color 85, 39.707, 169.933 looks on a white background.

Color Contrast Check

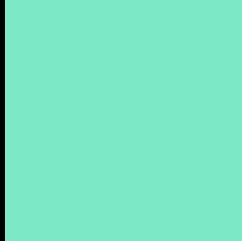
Large Text (above 18pt) WCAG AA × Fail

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, 39.707, 169.933 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, 39.707, 169.933

Background



This preview shows how black text looks on a background with the CIELCh color 85, 39.707, 169.933.

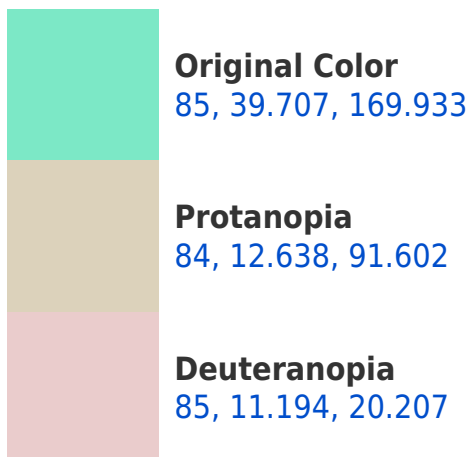



This preview shows how white text looks on a background with the CIELCh color 85, 39.707, 169.933.

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, 27.867, 219.010

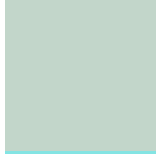
Trichromacy



Original Color
85, 39.707, 169.933



Protanomaly
84, 18.721, 148.901



Deuteranomaly
84, 9.668, 157.955

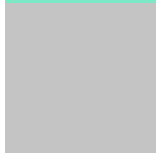


Tritanomaly
85, 29.775, 196.397

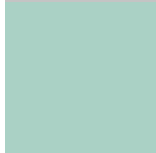
Monochromacy



Original Color
85, 39.707, 169.933



Achromatopsia
79, 0.010, 296.813



Achromatomaly
81, 15.339, 173.689

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 39.707, 169.933 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(124, 232, 198)` looks like.

```
.text, #text, p{  
    color:rgb(124, 232, 198)  
}
```

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(124, 232, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 232, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 39.707, 169.933 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(124, 232, 198) }
```

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

```
.border{ border-color:rgb(124, 232, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 232, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 232, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 232, 198);  
box-shadow:4px 4px 4px 4px rgb(124, 232,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 39.707, 169.933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 232, 198) }
```

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

```
.background{ background-color: rgb(124,  
232, 198) }
```

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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