

Converting Colors

CIELCh(85, 43.125, 194.672)

Have a look what the booklet for
CIELCh(85, 43.125, 194.672)
contains.

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Color

CIELCh(85, 43.139, 194.483)

Conversions

Conversions Part 1

Format	Color
Hex	44EAE7
RGB	68, 234, 231
RGB Percent	27%, 92%, 91%
CMY	0.7319, 0.0814, 0.0932
CMYK	0.71, 0.00, 0.01, 0.08
HSL	179°, 80%, 59%
HSV	179°, 71%, 92%
XYZ	46.3571, 66.0070, 86.0734
YIQ	184.0240, -97.9730, -36.1250

Conversions

Conversions Part 2

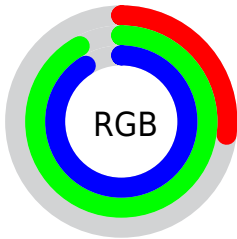
Format	Color
RYB	68, 152, 234
Decimal	4516583
CIELab	85.00, -41.77, -10.79
CIELCh	85, 43.139, 194.483
Yxy	66.0070, 0.2336, 0.3326
Android (android.graphics.Color)	4282706663 (0xFF44EAE7)
YUV	184.0240, 23.1592, -101.7530
Hunter-Lab	81.2447, -40.3286, -5.9425

Details

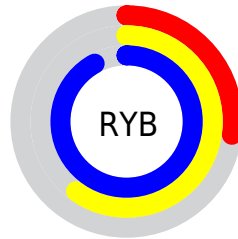
The CIELCh color **85, 43.139, 194.483** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **54, 72.857, 29.712**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 34.470, 197.301**, and **66, 38.583, 194.681** is the 20% darker color. If you saturate the color by 10%, you get **85, 45.559, 194.157**, and if you desaturate by 10%, it is **86, 39.681, 194.843**.

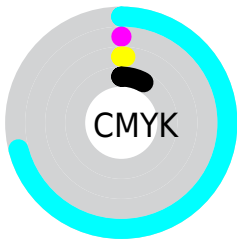
Distribution



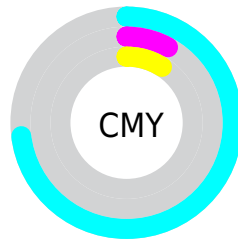
- Red (27%)
- Green (92%)
- Blue (91%)



- Red (27%)
- Yellow (60%)
- Blue (92%)



- Cyan (71%)
- Magenta (0%)
- Yellow (1%)
- Black (8%)




- Cyan (73%)
- Magenta (8%)
- Yellow (9%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 43.139, 194.483 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, 43.139, 194.483 by changing the saturation by 10% instead.


 85, 43.139,
194.483


 85, 43.139,
194.483


 100, 43.139,
194.483


 75, 43.139,
194.483

 65, 43.139,
194.483

 55, 43.139,
194.483

 45, 43.139,
194.483

 35, 43.139,
194.483

 25, 43.139,
194.483

 15, 43.139,

194.483

■ 5, 43.139, 194.483

■ 0, 43.139, 194.483

■ 85, 43.139,
194.483

■ 85, 43.139,
194.483

■ 85, 45.559,
194.157

■ 86, 39.681,
194.843

■ 84, 47.003,
193.860

■ 86, 35.196,
195.246

■ 84, 47.654,
193.602

■ 87, 29.747,
195.694

■ 88, 23.439,
196.188

■ 90, 16.400,

196.728

 91, 8.767, 197.324

 93, 0.674, 198.766

 94, 7.480, 18.307

 94, 7.485, 16.646

Harmonies

Complementary

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



85, 43.139, 194.483



54, 72.857, 29.712

Rectangle

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



85, 43.139, 194.483



85, 43.139, 244.483



85, 43.139, 14.483



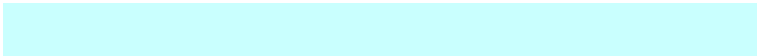
85, 43.139, 64.483

Sweetspot

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



85, 43.139, 194.482



96, 17.710, 196.712



82, 96.284, 137.521



51, 11.878, 196.558



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, 43.139, 194.482



91, 49.409, 194.018



63, 46.636, 268.206



48, 4.627, 197.412



67, 39.284, 193.646



19, 16.787, 194.042

Inverse Universe

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



54, 72.857, 29.712



55, 93.334, 35.126



68, 59.972, 63.212



46, 4.903, 18.470



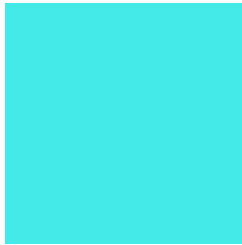
38, 80.027, 39.240



7, 28.456, 21.982

Previews

White Background



This preview shows how the CIE LCh color 85, 43.139, 194.483 looks on a white background.

Color Contrast Check

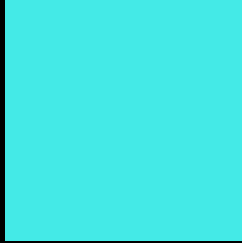
Large Text (above 18pt) WCAG AA × Fail

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, 43.139, 194.483 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

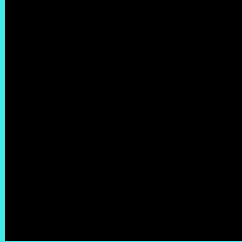
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 43.139, 194.483

Background



This preview shows how black text looks on a background with the CIELCh color 85, 43.139, 194.483.

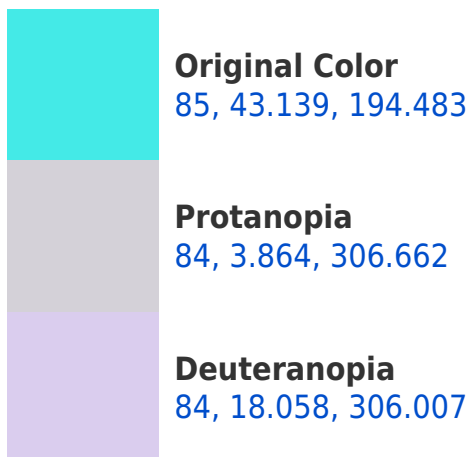


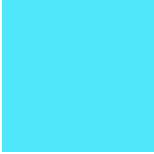
This preview shows how white text looks on a background with the CIELCh color 85, 43.139, 194.483.

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, 39.454, 211.883

Trichromacy



Original Color
85, 43.139, 194.483



Protanomaly
83, 19.204, 204.478



Deuteranomaly
83, 19.451, 231.547

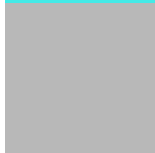


Tritanomaly
85, 40.347, 205.218

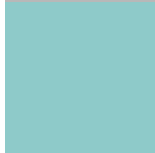
Monochromacy



Original Color
85, 43.139, 194.483



Achromatopsia
75, 0.009, 296.813



Achromatomaly
77, 20.133, 196.394

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 43.139, 194.483 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(68, 234, 231)` looks like.

```
.text, #text, p{  
    color:rgb(68, 234, 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(68, 234, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 234, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 43.139, 194.483 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(68, 234, 231) }
```

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

```
.border{ border-color:rgb(68, 234, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 234, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 234, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 234, 231);  
box-shadow:4px 4px 4px 4px rgb(68, 234,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 43.139, 194.483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 234, 231) }
```

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

```
.background{ background-color: rgb(68, 234,  
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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