

Converting Colors

CIELCh(89, 34.690, 139.431)

Have a look what the booklet for
CIELCh(89, 34.690, 139.431)
contains.

CIELCh(89, 34.821, 139.715)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(89, 34.821, 139.715)

Conversions

Conversions Part 1

Format	Color
Hex	BBEDB4
RGB	187, 237, 180
RGB Percent	73%, 93%, 71%
CMY	0.2680, 0.0720, 0.2954
CMYK	0.21, 0.00, 0.24, 0.07
HSL	113°, 61%, 82%
HSV	113°, 24%, 93%
XYZ	58.7934, 74.1641, 54.2149
YIQ	215.5520, -11.5030, -28.3270

Conversions

Conversions Part 2

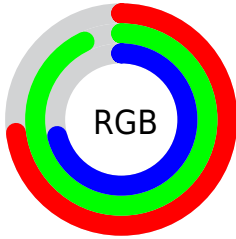
Format	Color
RYB	180, 237, 230
Decimal	12316084
CIELab	89.00, -26.56, 22.51
CIELCh	89, 34.821, 139.715
Yxy	74.1641, 0.3141, 0.3962
Android (android.graphics.Color)	4290506164 (0xFFBBEDB4)
YUV	215.5520, -17.5271, -25.0401
Hunter-Lab	86.1186, -28.8450, 22.9577

Details

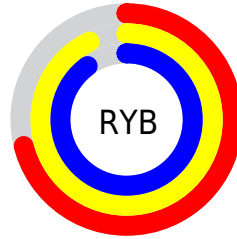
The CIELCh color **89, 34.821, 139.715** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **79, 35.052, 322.212**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 10.441, 131.478**, and **69, 34.811, 139.655** is the 20% darker color. If you saturate the color by 10%, you get **87, 49.183, 139.005**, and if you desaturate by 10%, it is **91, 20.311, 140.345**.

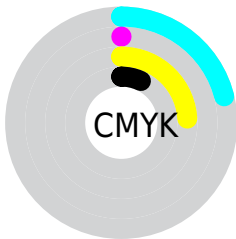
Distribution



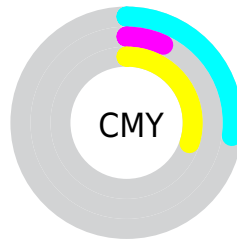
- Red (73%)
- Green (93%)
- Blue (71%)



- Red (71%)
- Yellow (93%)
- Blue (90%)



- Cyan (21%)
- Magenta (0%)
- Yellow (24%)
- Black (7%)





- Cyan (27%)
- Magenta (7%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 34.821, 139.715 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 89, 34.821, 139.715 by changing the saturation by 10% instead.


 89, 34.821,
139.715

 89, 34.821,
139.715


 100, 34.821,
139.715


 79, 34.821,
139.715

 69, 34.821,
139.715

 59, 34.821,
139.715

 49, 34.821,
139.715

 39, 34.821,
139.715


 29, 34.821,
139.715


 19, 34.821,


139.715


 9, 34.821, 139.715


 0, 34.821, 139.715

 89, 34.821,
139.715


 89, 34.821,
139.715

 87, 49.183,
139.005

 91, 20.311,
140.345


 86, 63.122,
138.222

 93, 5.845, 140.916

 85, 76.284,
137.397

 95, 8.434, 321.304

 84, 88.206,
136.590

 96, 11.449,
324.813

 83, 98.310,

135.908

■ 83, 105.974,
135.482

■ 82, 110.740,
135.424

■ 82, 112.390,
135.495

Harmonies

Complementary

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



89, 34.821, 139.715



79, 35.052, 322.212

Rectangle

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



89, 34.821, 139.715



89, 34.821, 189.715



89, 34.821, 319.715



89, 34.821, 9.715

Sweetspot

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



89, 34.823, 139.716



98, 10.683, 140.747



90, 25.576, 101.485



52, 6.944, 140.713



0, 0.000, 0.000



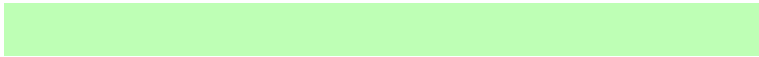
53, 0.007, 296.813

Same Dimension

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



89, 34.823, 139.716



94, 44.538, 139.368



89, 27.755, 155.142



48, 8.117, 140.610



64, 91.827, 135.387



19, 37.189, 136.256

Inverse Universe

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



79, 35.052, 322.212



82, 44.871, 322.448



79, 28.161, 338.970



46, 8.148, 321.501



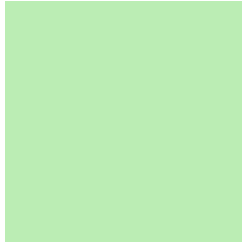
39, 90.172, 323.509



8, 38.536, 324.178

Previews

White Background



This preview shows how the CIELCh color 89, 34.821, 139.715 looks on a white background.

Color Contrast Check

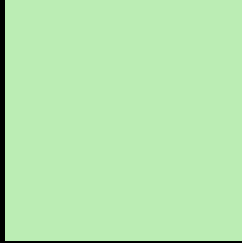
Large Text (above 18pt) WCAG AA × Fail

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 89, 34.821, 139.715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

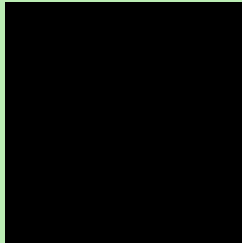
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

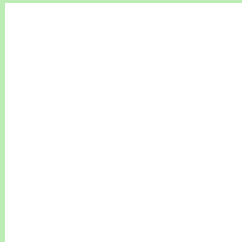
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 34.821, 139.715

Background



This preview shows how black text looks on a background with the CIELCh color 89, 34.821, 139.715.

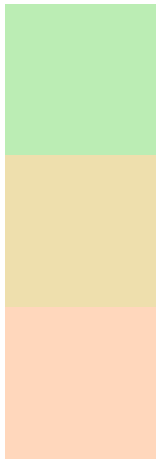


This preview shows how white text looks on a background with the CIELCh color 89, 34.821, 139.715.

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



Original Color
89, 34.821, 139.715

Protanopia
89, 26.514, 95.203

Deuteranopia
89, 21.064, 61.543

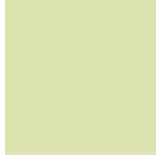


Tritanopia
89, 13.491, 243.163

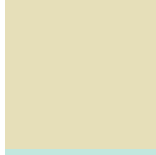
Trichromacy



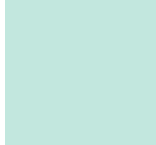
Original Color
89, 34.821, 139.715



Protanomaly
89, 27.528, 115.144



Deuteranomaly
88, 19.859, 100.766

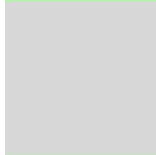


Tritanomaly
89, 13.777, 178.557

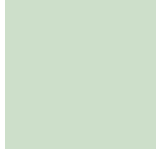
Monochromacy



Original Color
89, 34.821, 139.715



Achromatopsia
86, 0.010, 296.813



Achromatomaly
87, 12.830, 140.047

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 34.821, 139.715 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(187, 237, 180)` looks like.

```
.text, #text, p{  
    color:rgb(187, 237, 180)  
}
```

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(187, 237, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 237, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 34.821, 139.715 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(187, 237, 180) }
```

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

```
.border{ border-color:rgb(187, 237, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 237, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 237, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 237, 180); box-shadow:4px 4px 4px 4px rgb(187, 237, 180) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 34.821, 139.715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 237, 180) }
```

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

```
.background{ background-color: rgb(187,  
237, 180) }
```

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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