

Converting Colors

CIELCh(89, 28.278, 149.522)

Have a look what the booklet for
CIELCh(89, 28.278, 149.522)
contains.

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Color

CIELCh(89, 28.486, 149.346)

Conversions

Conversions Part 1

Format	Color
Hex	B8ECC3
RGB	184, 236, 195
RGB Percent	72%, 93%, 76%
CMY	0.2782, 0.0743, 0.2351
CMYK	0.22, 0.00, 0.17, 0.07
HSL	133°, 58%, 82%
HSV	133°, 22%, 93%
XYZ	59.6493, 74.1641, 62.8344
YIQ	215.7780, -17.8310, -23.7750

Conversions

Conversions Part 2

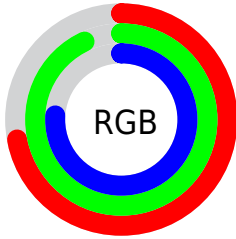
Format	Color
RYB	184, 227, 236
Decimal	12119235
CIELab	89.00, -24.51, 14.52
CIELCh	89, 28.486, 149.346
Yxy	74.1641, 0.3033, 0.3771
Android (android.graphics.Color)	4290309315 (0xFFB8ECC3)
YUV	215.7780, -10.2436, -27.8693
Hunter-Lab	86.1186, -27.0710, 17.0235

Details

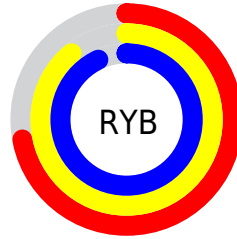
The CIELCh color **89, 28.486, 149.346** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **81, 28.618, 332.348**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 5.103, 181.791**, and **69, 28.628, 149.168** is the 20% darker color. If you saturate the color by 10%, you get **87, 41.351, 148.423**, and if you desaturate by 10%, it is **91, 15.511, 150.148**.

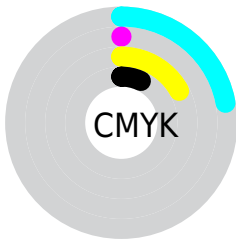
Distribution



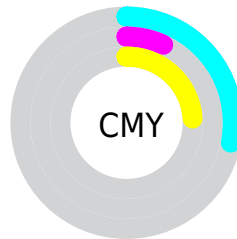
- Red (72%)
- Green (93%)
- Blue (76%)



- Red (72%)
- Yellow (89%)
- Blue (93%)



- Cyan (22%)
- Magenta (0%)
- Yellow (17%)
- Black (7%)



- Cyan (28%)
- Magenta (7%)
- Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 28.486, 149.346 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, 28.486, 149.346 by changing the saturation by 10% instead.


 89, 28.486,
149.346

 89, 28.486,
149.346

 100, 28.486,
149.346

 79, 28.486,
149.346

 69, 28.486,
149.346

 59, 28.486,
149.346

 49, 28.486,
149.346

 39, 28.486,
149.346

 29, 28.486,
149.346

 19, 28.486,


149.346


 9, 28.486, 149.346


 0, 28.486, 149.346

 89, 28.486,
149.346


 89, 28.486,
149.346


 87, 41.351,
148.423

 91, 15.511,
150.148


 86, 53.880,
147.355

 93, 2.594, 150.944

 85, 65.818,
146.125


 95, 10.132,
331.364


 84, 76.881,
144.727


 95, 11.816,
324.826

 83, 86.783,

143.173

 82, 95.258,
141.505

 82, 102.084,
139.804

 82, 106.303,
138.548

Harmonies

Complementary

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



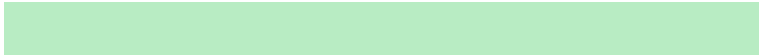
89, 28.486, 149.346



81, 28.618, 332.348

Rectangle

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



89, 28.486, 149.346



89, 28.486, 199.346



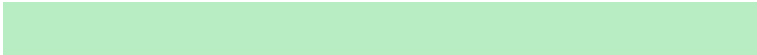
89, 28.486, 329.346



89, 28.486, 19.346

Sweetspot

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



89, 28.488, 149.346



98, 9.577, 150.518



92, 26.939, 116.478



52, 6.226, 150.473



0, 0.000, 0.000



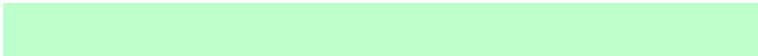
53, 0.007, 296.813

Same Dimension

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



89, 28.488, 149.346



95, 35.789, 148.985



90, 19.804, 173.853



48, 7.277, 150.339



64, 86.543, 138.840



18, 34.271, 142.332

Inverse Universe

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



81, 28.618, 332.348



84, 35.962, 332.628



80, 21.123, 358.246



46, 7.301, 331.503



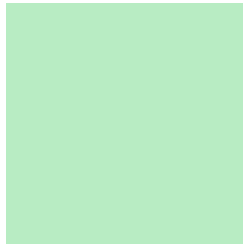
41, 75.892, 338.848



8, 33.254, 336.984

Previews

White Background



This preview shows how the CIELCh color 89, 28.486, 149.346 looks on a white background.

Color Contrast Check

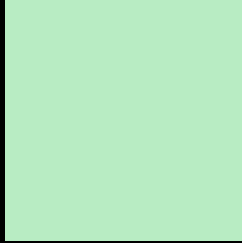
Large Text (above 18pt) WCAG AA × Fail

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 89, 28.486, 149.346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

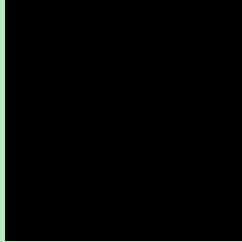
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

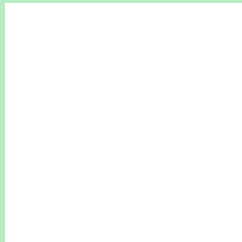
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 28.486, 149.346

Background



This preview shows how black text looks on a background with the CIELCh color 89, 28.486, 149.346.

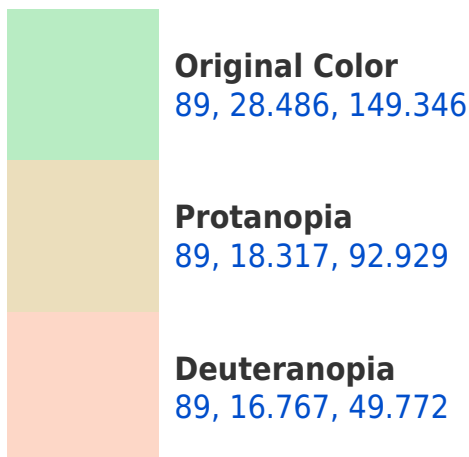


This preview shows how white text looks on a background with the CIELCh color 89, 28.486, 149.346.

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



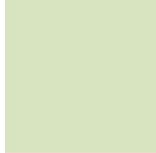


Tritanopia
89, 14.897, 238.007

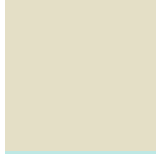
Trichromacy



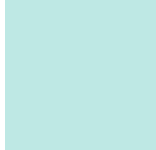
Original Color
89, 28.486, 149.346



Protanomaly
89, 19.104, 121.106

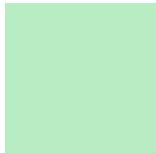


Deuteranomaly
89, 13.094, 100.861

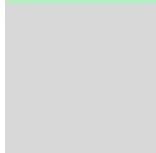


Tritanomaly
89, 14.551, 190.187

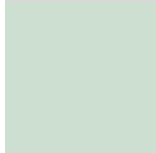
Monochromacy



Original Color
89, 28.486, 149.346



Achromatopsia
86, 0.010, 296.813



Achromatomaly
87, 10.475, 150.375

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 28.486, 149.346 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(184, 236, 195)` looks like.

```
.text, #text, p{  
    color:rgb(184, 236, 195)  
}
```

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(184, 236, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 236, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 28.486, 149.346 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(184, 236, 195) }
```

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

```
.border{ border-color:rgb(184, 236, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 236, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 236, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 236, 195);  
box-shadow:4px 4px 4px 4px rgb(184, 236,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 28.486, 149.346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 236, 195) }
```

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

```
.background{ background-color: rgb(184,  
236, 195) }
```

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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