

Converting Colors

CIELCh(89, 29.940, 139.335)

Have a look what the booklet for
CIELCh(89, 29.940, 139.335)
contains.

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Color

CIELCh(89, 29.780, 139.379)

Conversions

Conversions Part 1

Format	Color
Hex	C1EBBA
RGB	193, 235, 186
RGB Percent	76%, 92%, 73%
CMY	0.2438, 0.0791, 0.2713
CMYK	0.18, 0.00, 0.21, 0.08
HSL	111°, 55%, 82%
HSV	111°, 21%, 92%
XYZ	60.4477, 74.1641, 57.4865
YIQ	216.8560, -9.3030, -24.1430

Conversions

Conversions Part 2

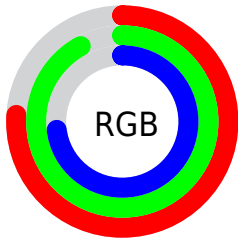
Format	Color
RYB	186, 235, 228
Decimal	12708794
CIELab	89.00, -22.60, 19.39
CIElCh	89, 29.780, 139.379
Yxy	74.1641, 0.3147, 0.3861
Android (android.graphics.Color)	4290898874 (0xFFC1EBBA)
YUV	216.8560, -15.2120, -20.9217
Hunter-Lab	86.1186, -25.4162, 20.7053

Details

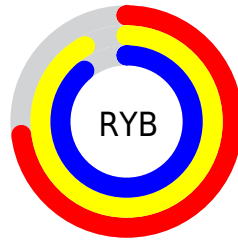
The CIELCh color **89, 29.780, 139.379** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **80, 29.988, 321.462**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 6.838, 124.699**, and **69, 29.546, 139.431** is the 20% darker color. If you saturate the color by 10%, you get **87, 44.036, 138.717**, and if you desaturate by 10%, it is **91, 15.450, 139.968**.

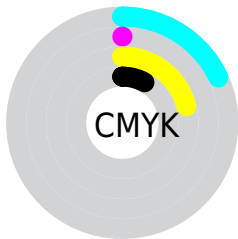
Distribution



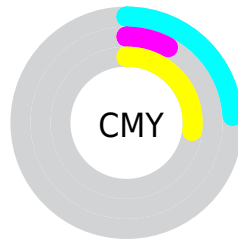
- Red (76%)
- Green (92%)
- Blue (73%)



- Red (73%)
- Yellow (92%)
- Blue (89%)



- Cyan (18%)
- Magenta (0%)
- Yellow (21%)
- Black (8%)





- Cyan (24%)
- Magenta (8%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 29.780, 139.379 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, 29.780, 139.379 by changing the saturation by 10% instead.


 89, 29.780,
139.379

 89, 29.780,
139.379


 100, 29.780,
139.379


 79, 29.780,
139.379

 69, 29.780,
139.379

 59, 29.780,
139.379

 49, 29.780,
139.379

 39, 29.780,
139.379


 29, 29.780,
139.379


 19, 29.780,

139.379


 9, 29.780, 139.379


 0, 29.780, 139.379

 89, 29.780,
139.379


 89, 29.780,
139.379


 87, 44.036,
138.717

 91, 15.450,
139.968


 86, 57.979,
137.984

 93, 1.212, 140.661

 85, 71.296,
137.204

 95, 12.253,
322.402

 84, 83.571,
136.428

 95, 12.593,
324.855

 83, 94.272,

135.747

■ 82, 102.783,
135.289

■ 82, 108.559,
135.179

■ 82, 111.506,
135.343

Harmonies

Complementary

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



89, 29.780, 139.379



80, 29.988, 321.462

Rectangle

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



89, 29.780, 139.379



89, 29.780, 189.379



89, 29.780, 319.379



89, 29.780, 9.379

Sweetspot

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



89, 29.782, 139.380



99, 9.092, 140.233



90, 21.661, 100.929



53, 6.034, 140.197



0, 0.000, 0.000



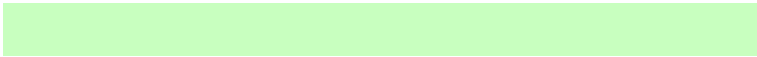
53, 0.007, 296.813

Same Dimension

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



89, 29.782, 139.380



95, 38.166, 139.108



89, 24.214, 154.736



48, 8.066, 140.045



64, 91.627, 135.225



19, 37.028, 135.925

Inverse Universe

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



80, 29.988, 321.462



84, 38.471, 321.662



81, 24.498, 337.933



46, 8.100, 320.916



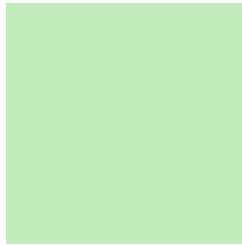
38, 90.377, 322.768



8, 38.579, 323.527

Previews

White Background



This preview shows how the CIELCh color 89, 29.780, 139.379 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, 29.780, 139.379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

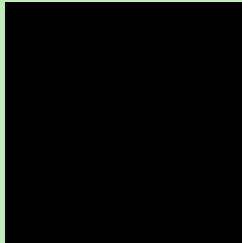
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

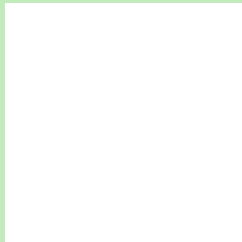
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 29.780, 139.379

Background



This preview shows how black text looks on a background with the CIELCh color 89, 29.780, 139.379.

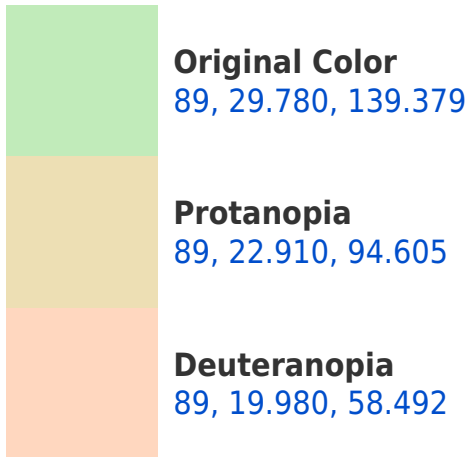


This preview shows how white text looks on a background with the CIELCh color 89, 29.780, 139.379.

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](#).

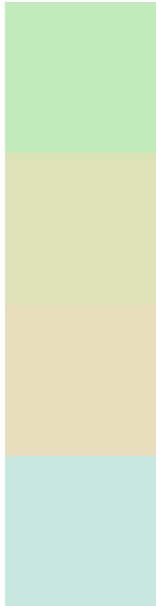
Dichromacy





Tritanopia
89, 12.190, 249.558

Trichromacy



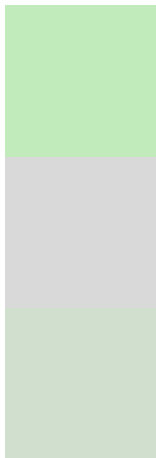
Original Color
89, 29.780, 139.379

Protanomaly
89, 23.350, 113.881

Deuteranomaly
88, 17.529, 96.169

Tritanomaly
89, 11.483, 180.113

Monochromacy



Original Color
89, 29.780, 139.379

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 10.456, 140.858

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 29.780, 139.379 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(193, 235, 186)` looks like.

```
.text, #text, p{  
    color:rgb(193, 235, 186)  
}
```

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(193, 235, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 235, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 29.780, 139.379 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(193, 235, 186) }
```

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

```
.border{ border-color:rgb(193, 235, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 235, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 235, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 235, 186);  
box-shadow:4px 4px 4px 4px rgb(193, 235,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 29.780, 139.379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 235, 186) }
```

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

```
.background{ background-color: rgb(193,  
235, 186) }
```

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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