

Converting Colors

CIELCh(89, 17.643, 134.208)

Have a look what the booklet for
CIELCh(89, 17.643, 134.208)
contains.

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Color

CIELCh(89, 17.877, 134.436)

Conversions

Conversions Part 1

Format	Color
Hex	D1E6C7
RGB	209, 230, 199
RGB Percent	82%, 90%, 78%
CMY	0.1809, 0.0986, 0.2202
CMYK	0.09, 0.00, 0.13, 0.10
HSL	101°, 38%, 84%
HSV	101°, 13%, 90%
XYZ	64.8029, 74.1641, 64.8467
YIQ	220.1870, -2.5650, -14.0930

Conversions

Conversions Part 2

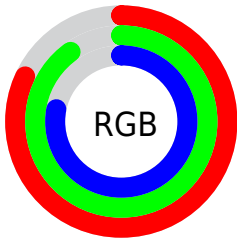
Format	Color
RYB	199, 230, 220
Decimal	13756103
CIELab	89.00, -12.52, 12.76
CIELCh	89, 17.877, 134.436
Yxy	74.1641, 0.3180, 0.3639
Android (android.graphics.Color)	4291946183 (0xFFD1E6C7)
YUV	220.1870, -10.4452, -9.8110
Hunter-Lab	86.1186, -16.3890, 15.6381

Details

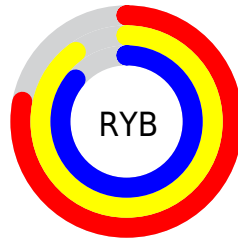
The CIELCh color **89, 17.877, 134.436** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **83, 18.086, 315.574**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **69, 17.696, 134.683** is the 20% darker color. If you saturate the color by 10%, you get **87, 31.188, 133.941**, and if you desaturate by 10%, it is **91, 4.595, 134.915**.

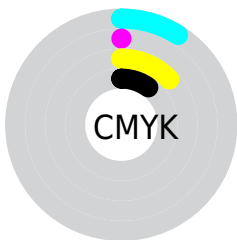
Distribution



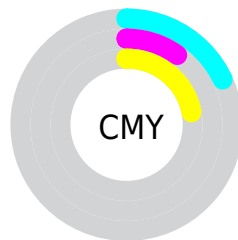
- Red (82%)
- Green (90%)
- Blue (78%)



- Red (78%)
- Yellow (90%)
- Blue (86%)



- Cyan (9%)
- Magenta (0%)
- Yellow (13%)
- Black (10%)



- Cyan (18%)
- Magenta (10%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 17.877, 134.436 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, 17.877, 134.436 by changing the saturation by 10% instead.

■ 89, 17.877,
134.436

■ 89, 17.877,
134.436

■ 100, 17.877,
134.436

■ 79, 17.877,
134.436

■ 69, 17.877,
134.436

■ 59, 17.877,
134.436

■ 49, 17.877,
134.436

■ 39, 17.877,
134.436


■ 29, 17.877,
134.436

■ 19, 17.877,


134.436

 9, 17.877, 134.436

 0, 17.877, 134.436

 89, 17.877,
134.436

 89, 17.877,
134.436


 87, 31.188,
133.941

 91, 4.595, 134.915

 86, 44.383,
133.410

 92, 8.565, 315.247

 85, 57.271,
132.866

 94, 15.708,
324.967

 84, 69.580,
132.349

 83, 80.930,

131.929

■ 82, 90.822,
131.710

■ 81, 98.677,
131.824

■ 81, 104.034,
132.379

■ 81, 106.356,
132.907

Harmonies

Complementary

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



89, 17.877, 134.436



83, 18.086, 315.574

Rectangle

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



89, 17.877, 134.436



89, 17.877, 184.436



89, 17.877, 314.436



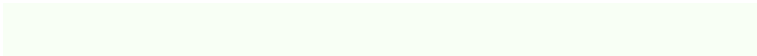
89, 17.877, 4.436

Sweetspot

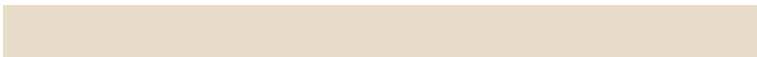
The Sweet Spot groups the original color and five complimentary colors.



89, 17.879, 134.438



99, 5.739, 134.887



88, 11.415, 89.411



53, 4.082, 134.849



0, 0.000, 0.000



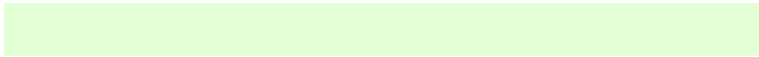
53, 0.007, 296.813

Same Dimension

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



89, 17.879, 134.438



97, 23.092, 134.312



88, 17.591, 148.520



47, 7.508, 134.628



64, 87.792, 132.687



18, 34.027, 132.818

Inverse Universe

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



83, 18.086, 315.574



89, 23.404, 315.690



83, 17.639, 330.196



45, 7.574, 315.396



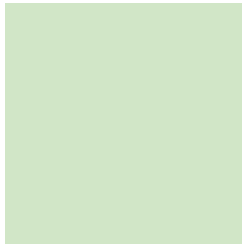
32, 92.003, 316.687



5, 36.636, 317.336

Previews

White Background



This preview shows how the CIELCh color 89, 17.877, 134.436 looks on a white background.

Color Contrast Check

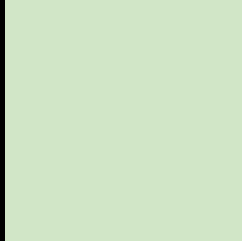
Large Text (above 18pt) WCAG AA × Fail

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, 17.877, 134.436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

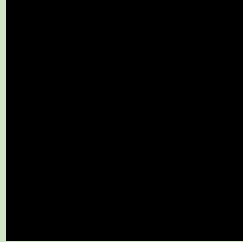
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

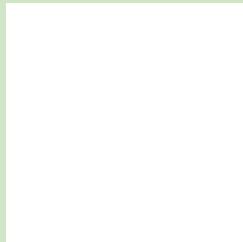
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 17.877, 134.436

Background



This preview shows how black text looks on a background with the CIELCh color 89, 17.877, 134.436.

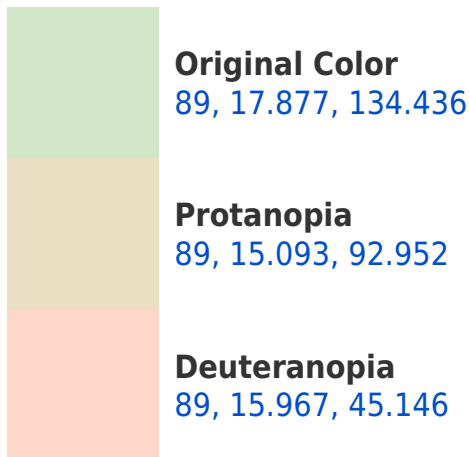


This preview shows how white text looks on a background with the CIELCh color 89, 17.877, 134.436.

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](#).

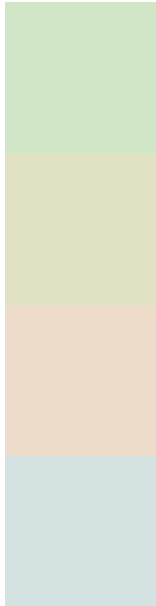
Dichromacy





Tritanopia
89, 9.716, 274.555

Trichromacy



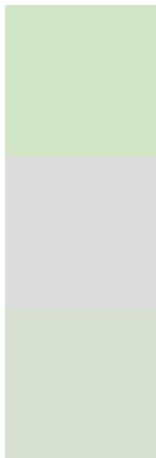
Original Color
89, 17.877, 134.436

Protanomaly
89, 15.019, 108.929

Deuteranomaly
89, 11.756, 76.421

Tritanomaly
89, 4.579, 199.219

Monochromacy



Original Color
89, 17.877, 134.436

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 6.907, 134.474

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 17.877, 134.436 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(209, 230, 199)` looks like.

```
.text, #text, p{  
    color:rgb(209, 230, 199)  
}
```

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(209, 230, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 230, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 17.877, 134.436 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(209, 230, 199) }
```

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

```
.border{ border-color:rgb(209, 230, 199) }
```

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

Here you see how a box with a 4 pixel rgb(209, 230, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 230, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 230, 199);  
box-shadow:4px 4px 4px 4px rgb(209, 230,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 17.877, 134.436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 230, 199) }
```

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

```
.background{ background-color: rgb(209,  
230, 199) }
```

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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