

Converting Colors

CIELCh(89, 15.983, 314.368)

Have a look what the booklet for
CIELCh(89, 15.983, 314.368)
contains.

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Color

CIElCh(89, 15.970, 314.366)

Conversions

Conversions Part 1

Format	Color
Hex	EBD9F5
RGB	235, 217, 245
RGB Percent	92%, 85%, 96%
CMY	0.0769, 0.1475, 0.0377
CMYK	0.04, 0.11, 0.00, 0.04
HSL	279°, 59%, 91%
HSV	279°, 11%, 96%
XYZ	75.8383, 74.1641, 97.0135
YIQ	225.5740, 1.7400, 12.5240

Conversions

Conversions Part 2

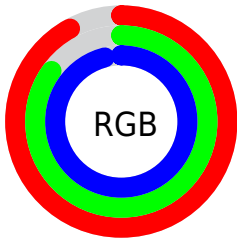
Format	Color
R _Y B	235, 217, 245
Decimal	15456757
CIE Lab	89.00, 11.17, -11.42
CIE LCh	89, 15.970, 314.366
Yxy	74.1641, 0.3070, 0.3002
Android (android.graphics.Color)	4293646837 (0xFFEBD9F5)
YUV	225.5740, 9.5770, 8.2666
Hunter-Lab	86.1186, 6.4843, -6.5078

Details

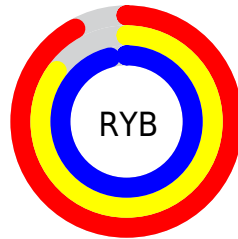
The CIELCh color **89, 15.970, 314.366** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **95, 15.790, 133.418**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **69, 16.167, 314.052** is the 20% darker color. If you saturate the color by 10%, you get **82, 30.281, 314.814**, and if you desaturate by 10%, it is **96, 1.961, 313.858**.

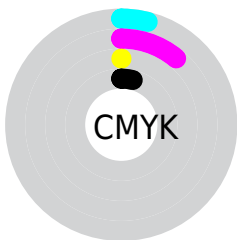
Distribution



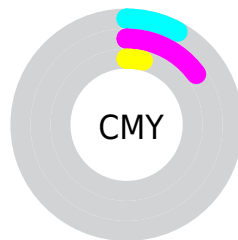
- Red (92%)
- Green (85%)
- Blue (96%)



- Red (92%)
- Yellow (85%)
- Blue (96%)



- Cyan (4%)
- Magenta (11%)
- Yellow (0%)
- Black (4%)





- Cyan (8%)
- Magenta (15%)
- Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 15.970, 314.366 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, 15.970, 314.366 by changing the saturation by 10% instead.


 89, 15.970,
314.366


 89, 15.970,
314.366


 100, 15.970,
314.366


 79, 15.970,
314.366

 69, 15.970,
314.366

 59, 15.970,
314.366

 49, 15.970,
314.366

 39, 15.970,
314.366

 29, 15.970,
314.366

 19, 15.970,

314.366

■ 9, 15.970, 314.366

■ 0, 15.970, 314.366

■ 89, 15.970,
314.366

■ 89, 15.970,
314.366

■ 82, 30.281,
314.814

■ 96, 1.961, 313.858

■ 76, 44.786,
315.267

■ 100, 4.928,
118.405

■ 70, 59.283,
315.707

■ 100, 4.863,
109.799

■ 63, 73.447,
316.100

■ 58, 86.787,

316.399

■ 53, 98.620,
316.541

■ 49, 108.131,
316.447

■ 46, 114.583,
316.037

■ 44, 117.755,
315.439

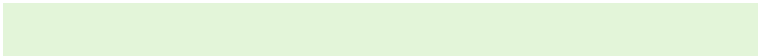
Harmonies

Complementary

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



89, 15.970, 314.366



95, 15.790, 133.418

Rectangle

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



89, 15.970, 314.366



89, 15.970, 4.366



89, 15.970, 134.366



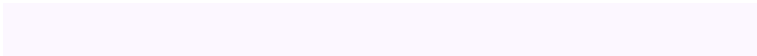
89, 15.970, 184.366

Sweetspot

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



89, 15.968, 314.365



98, 4.293, 313.975



90, 9.787, 269.947



52, 3.256, 314.018



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, 15.968, 314.365



90, 20.267, 314.481



90, 16.095, 328.966



48, 7.919, 314.279



33, 95.582, 315.618



6, 41.648, 316.801

Inverse Universe

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



89, 11.402, 353.162



91, 14.494, 353.443



94, 16.059, 147.599



48, 5.648, 352.958



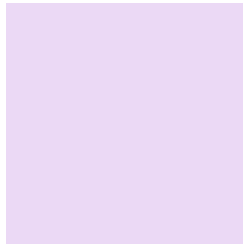
39, 67.664, 15.826



9, 29.614, 7.295

Previews

White Background



This preview shows how the CIELCh color 89, 15.970, 314.366 looks on a white background.

Color Contrast Check

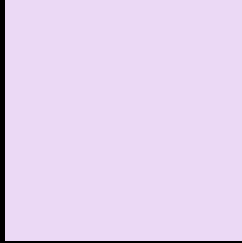
Large Text (above 18pt) WCAG AA × Fail

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, 15.970, 314.366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

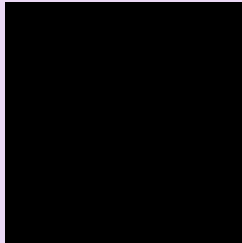
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 15.970, 314.366

Background



This preview shows how black text looks on a background with the CIELCh color 89, 15.970, 314.366.

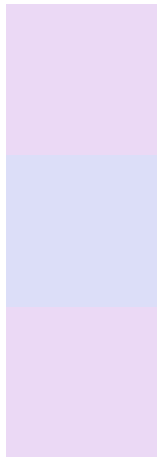


This preview shows how white text looks on a background with the CIELCh color 89, 15.970, 314.366.

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

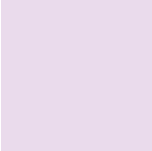
89, 15.970, 314.366

Protanopia

89, 13.560, 288.409

Deuteranopia

89, 15.970, 314.366



Tritanopia
89, 10.380, 321.534

Trichromacy



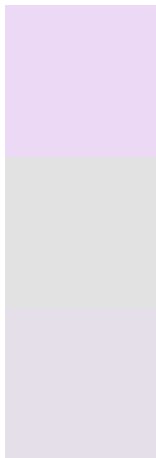
Original Color
89, 15.970, 314.366

Protanomaly
89, 14.273, 299.609

Deuteranomaly
89, 15.970, 314.366

Tritanomaly
89, 12.539, 319.469

Monochromacy



Original Color
89, 15.970, 314.366

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 5.653, 312.631

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 15.970, 314.366 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(235, 217, 245)` looks like.

```
.text, #text, p{  
    color:rgb(235, 217, 245)  
}
```

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(235, 217, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 217, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 15.970, 314.366 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(235, 217, 245) }
```

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

```
.border{ border-color:rgb(235, 217, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 217, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 217, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 217, 245);  
box-shadow:4px 4px 4px 4px rgb(235, 217,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 15.970, 314.366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 217, 245) }
```

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

```
.background{ background-color: rgb(235,  
217, 245) }
```

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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