

Converting Colors

CIELCh(89, 15.215, 315.677)

Have a look what the booklet for
CIELCh(89, 15.215, 315.677)
contains.

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Color

CIElCh(89, 15.011, 315.925)

Conversions

Conversions Part 1

Format	Color
Hex	ECDAF4
RGB	236, 218, 244
RGB Percent	93%, 85%, 96%
CMY	0.0763, 0.1469, 0.0450
CMYK	0.03, 0.11, 0.00, 0.04
HSL	282°, 53%, 90%
HSV	282°, 11%, 96%
XYZ	75.6508, 74.1641, 95.5463
YIQ	226.3460, 2.3820, 11.9020

Conversions

Conversions Part 2

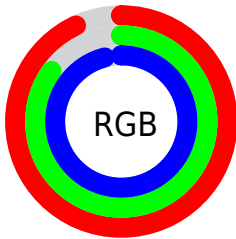
Format	Color
R _Y B	236, 218, 244
Decimal	15522548
CIE Lab	89.00, 10.78, -10.44
CIE LCh	89, 15.011, 315.925
Yxy	74.1641, 0.3083, 0.3023
Android (android.graphics.Color)	4293712628 (0xFFECCDAF4)
YUV	226.3460, 8.7034, 8.4666
Hunter-Lab	86.1186, 6.0957, -5.4977

Details

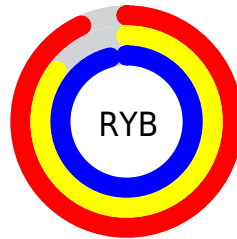
The CIELCh color `89, 15.011, 315.925` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `94, 14.873, 135.038`, and the grayscale version is `90, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `69, 15.149, 315.639` is the 20% darker color. If you saturate the color by 10%, you get `83, 29.358, 316.368`, and if you desaturate by 10%, it is `96, 0.942, 315.298`.

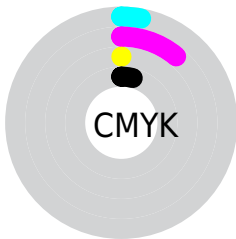
Distribution



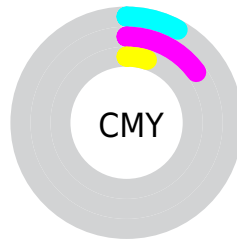
- Red (93%)
- Green (85%)
- Blue (96%)



- Red (93%)
- Yellow (85%)
- Blue (96%)



- Cyan (3%)
- Magenta (11%)
- Yellow (0%)
- Black (4%)





- Cyan (8%)
- Magenta (15%)
- Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 15.011, 315.925 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, 15.011, 315.925 by changing the saturation by 10% instead.


 89, 15.011,
315.925


 89, 15.011,
315.925


 100, 15.011,
315.925


 79, 15.011,
315.925

 69, 15.011,
315.925

 59, 15.011,
315.925

 49, 15.011,
315.925

 39, 15.011,
315.925

 29, 15.011,
315.925

 19, 15.011,

315.925

■ 9, 15.011, 315.925

■ 0, 15.011, 315.925

■ 89, 15.011,
315.925

■ 89, 15.011,
315.925

■ 83, 29.358,
316.368

■ 96, 0.942, 315.298

■ 76, 43.863,
316.811

■ 99, 6.034, 124.932

■ 70, 58.311,
317.236

■ 100, 5.801,
109.731

■ 64, 72.363,
317.610

■ 59, 85.524,

317.891

■ 54, 97.129,
318.022

■ 50, 106.409,
317.934

■ 47, 112.692,
317.560

■ 45, 115.931,
316.954

Harmonies

Complementary

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



89, 15.011, 315.925



94, 14.873, 135.038

Rectangle

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



89, 15.011, 315.925



89, 15.011, 5.925



89, 15.011, 135.925



89, 15.011, 185.925

Sweetspot

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



89, 15.009, 315.924



98, 4.348, 315.564



90, 9.602, 273.867



52, 3.298, 315.608



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, 15.009, 315.924



91, 19.026, 316.029



90, 14.433, 330.589



48, 8.017, 315.871



34, 94.667, 317.116



7, 41.588, 318.324

Inverse Universe

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



89, 10.308, 356.403



91, 13.097, 356.661



94, 14.391, 149.279



48, 5.500, 356.275



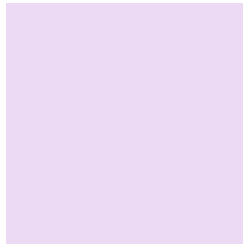
39, 68.980, 20.442



9, 29.662, 10.719

Previews

White Background



This preview shows how the CIELCh color 89, 15.011, 315.925 looks on a white background.

Color Contrast Check

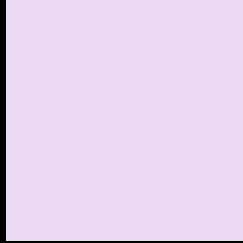
Large Text (above 18pt) WCAG AA × Fail

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, 15.011, 315.925 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

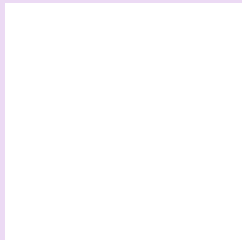
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 15.011, 315.925

Background



This preview shows how black text looks on a background with the CIELCh color 89, 15.011, 315.925.

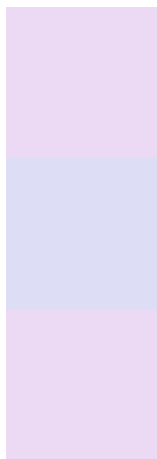


This preview shows how white text looks on a background with the CIELCh color 89, 15.011, 315.925.

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

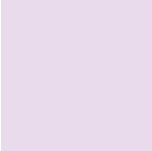
89, 15.011, 315.925

Protanopia

89, 12.512, 289.635

Deuteranopia

89, 15.640, 316.305



Tritanopia
89, 10.380, 321.534

Trichromacy



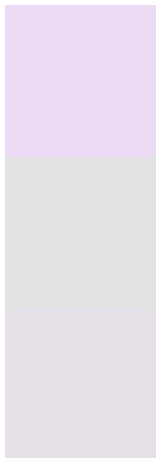
Original Color
89, 15.011, 315.925

Protanomaly
89, 13.243, 300.211

Deuteranomaly
89, 15.640, 316.305

Tritanomaly
89, 12.539, 319.469

Monochromacy



Original Color
89, 15.011, 315.925

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 5.175, 314.792

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 15.011, 315.925 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(236, 218, 244)` looks like.

```
.text, #text, p{  
    color:rgb(236, 218, 244)  
}
```

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(236, 218, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 218, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 15.011, 315.925 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(236, 218, 244) }
```

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

```
.border{ border-color:rgb(236, 218, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 218, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 218, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 218, 244);  
box-shadow:4px 4px 4px 4px rgb(236, 218,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 15.011, 315.925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 218, 244) }
```

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

```
.background{ background-color: rgb(236,  
218, 244) }
```

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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