

Converting Colors

CIELCh(89, 19.034, 288.599)

Have a look what the booklet for
CIELCh(89, 19.034, 288.599)
contains.

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Color

CIELCh(89, 17.744, 288.379)

Conversions

Conversions Part 1

Format	Color
Hex	DADDFF
RGB	218, 221, 255
RGB Percent	85%, 87%, 100%
CMY	0.1434, 0.1316, 0.0000
CMYK	0.14, 0.13, 0.00, 0.00
HSL	235°, 100%, 93%
HSV	235°, 14%, 100%
XYZ	73.1374, 74.1641, 105.4465
YIQ	223.9790, -12.7020, 9.9380

Conversions

Conversions Part 2

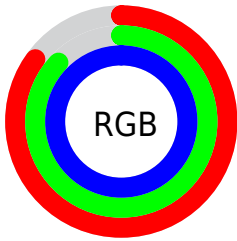
Format	Color
R _Y B	218, 221, 255
Decimal	14343679
CIE Lab	89.00, 5.59, -16.84
CIE LCh	89, 17.744, 288.379
Yxy	74.1641, 0.2894, 0.2934
Android (android.graphics.Color)	4292533759 (0xFFDADDDFF)
YUV	223.9790, 15.2934, -5.2436
Hunter-Lab	86.1186, 0.8860, -12.3137

Details

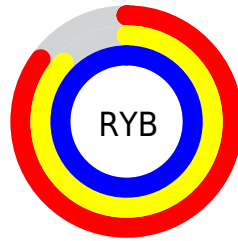
The CIELCh color `89, 17.744, 288.379` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `98, 17.038, 105.157`, and the grayscale version is `89, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `69, 17.608, 288.552` is the 20% darker color. If you saturate the color by 10%, you get `81, 30.287, 289.708`, and if you desaturate by 10%, it is `97, 5.208, 287.138`.

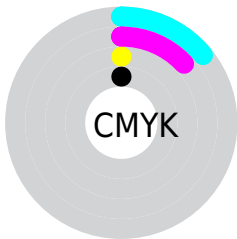
Distribution



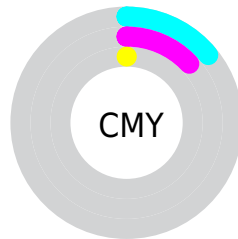
- Red (85%)
- Green (87%)
- Blue (100%)



- Red (85%)
- Yellow (87%)
- Blue (100%)



- Cyan (14%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)





- Cyan (14%)
- Magenta (13%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 17.744, 288.379 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, 17.744, 288.379 by changing the saturation by 10% instead.


 89, 17.744,
288.379


 89, 17.744,
288.379


 100, 17.744,
288.379


 79, 17.744,
288.379

 69, 17.744,
288.379

 59, 17.744,
288.379

 49, 17.744,
288.379

 39, 17.744,
288.379

 29, 17.744,
288.379

 19, 17.744,

288.379

■ 9, 17.744, 288.379

■ 0, 17.744, 288.379

■ 89, 17.744,
288.379

■ 89, 17.744,
288.379

■ 81, 30.287,
289.708

■ 97, 5.208, 287.138

■ 74, 43.583,
291.351

100, 0.012,
296.813

■ 66, 57.432,
293.267

■ 58, 71.824,
295.464

■ 51, 86.627,

297.897

■ 45, 101.392,
300.436

■ 39, 115.075,
302.837

■ 35, 125.921,
304.768

■ 33, 130.130,
305.516

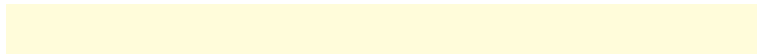
Harmonies

Complementary

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



89, 17.744, 288.379



98, 17.038, 105.157

Rectangle

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



89, 17.744, 288.379



89, 17.744, 338.379



89, 17.744, 108.379



89, 17.744, 158.379

Sweetspot

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



89, 17.509, 288.311



97, 4.801, 287.103



97, 12.508, 191.488



51, 3.415, 287.181



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, 17.509, 288.311



87, 20.862, 288.660



89, 19.838, 306.836



49, 6.883, 287.716



24, 103.966, 305.289



4, 41.519, 300.311

Inverse Universe

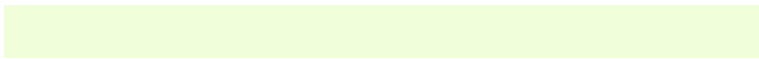
The Inverse Universe completely reimagines the original color for something new.



90, 13.526, 13.794



88, 16.183, 14.072



98, 19.379, 125.407



50, 5.275, 13.315



40, 80.804, 36.814



10, 32.727, 23.856

Previews

White Background



This preview shows how the CIE LCh color 89, 17.744, 288.379 looks on a white background.

Color Contrast Check

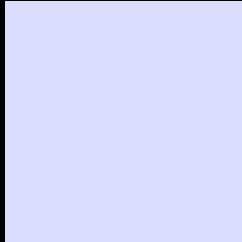
Large Text (above 18pt) WCAG AA × Fail

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, 17.744, 288.379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

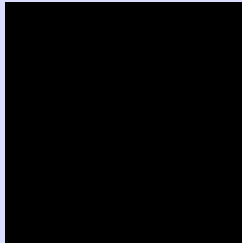
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 17.744, 288.379

Background



This preview shows how black text looks on a background with the CIELCh color 89, 17.744, 288.379.

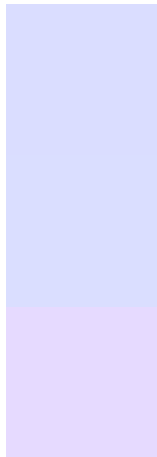


This preview shows how white text looks on a background with the CIELCh color 89, 17.744, 288.379.

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



Original Color

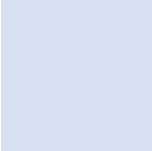
89, 17.744, 288.379

Protanopia

89, 17.226, 287.119

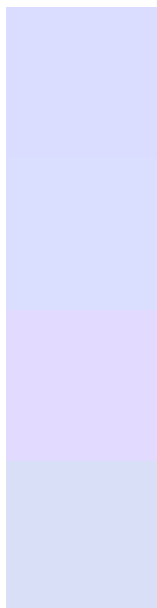
Deuteranopia

89, 19.804, 303.574



Tritanopia
89, 9.220, 273.570

Trichromacy



Original Color
89, 17.744, 288.379

Protanomaly
89, 17.226, 287.119

Deuteranomaly
89, 18.982, 298.844

Tritanomaly
89, 12.118, 281.456

Monochromacy



Original Color
89, 17.744, 288.379

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 6.261, 287.499

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 17.744, 288.379 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(218, 221, 255)` looks like.

```
.text, #text, p{  
    color:rgb(218, 221, 255)  
}
```

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(218, 221, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 221, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 17.744, 288.379 is called "border". The border property can be set on classes, ids or directly on the HTML element.

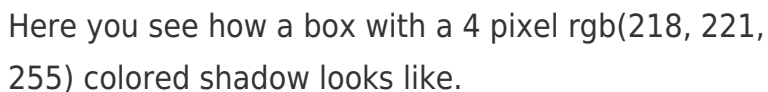
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(218, 221, 255) }
```

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

```
.border{ border-color:rgb(218, 221, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(218, 221, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 221, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 221, 255);  
box-shadow:4px 4px 4px 4px rgb(218, 221,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 17.744, 288.379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 221, 255) }
```

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

```
.background{ background-color: rgb(218,  
221, 255) }
```

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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