

Converting Colors

CIELCh(89, 6.255, 319.161)

Have a look what the booklet for
CIELCh(89, 6.255, 319.161) contains.

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Color

CIELCh(89, 5.971, 318.963)

Conversions

Conversions Part 1

Format	Color
Hex	E5DDE7
RGB	229, 221, 231
RGB Percent	90%, 87%, 91%
CMY	0.1018, 0.1332, 0.0940
CMYK	0.01, 0.04, 0.00, 0.09
HSL	288°, 17%, 89%
HSV	288°, 4%, 91%
XYZ	72.6162, 74.1641, 86.1125
YIQ	224.5320, 1.5580, 4.8060

Conversions

Conversions Part 2

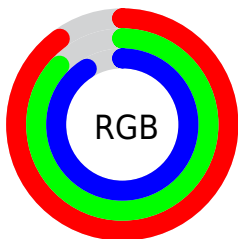
Format	Color
R _Y B	229, 221, 231
Decimal	15064551
CIE Lab	89.00, 4.50, -3.92
CIE LCh	89, 5.971, 318.963
Yxy	74.1641, 0.3118, 0.3184
Android (android.graphics.Color)	4293254631 (0xFFE5DDE7)
YUV	224.5320, 3.1887, 3.9184
Hunter-Lab	86.1186, -0.1942, 0.9972

Details

The CIELCh color $89, 5.971, 318.963$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $91, 5.938, 138.655$, 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 $69, 5.814, 321.607$ is the 20% darker color. If you saturate the color by 10%, you get $83, 19.929, 319.435$, and if you desaturate by 10%, it is $95, 7.713, 138.598$.

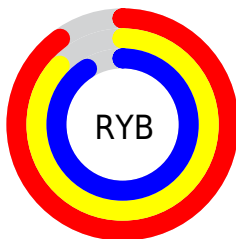
Distribution



Red (90%)

Green (87%)

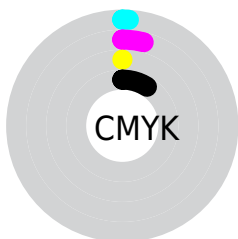
Blue (91%)



Red (90%)

Yellow (87%)

Blue (91%)

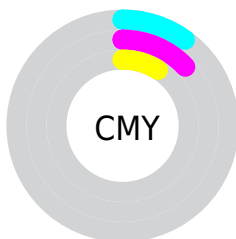


Cyan (1%)

Magenta (4%)

Yellow (0%)

Black (9%)



Cyan (10%)

Magenta (13%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 5.971, 318.963 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, 5.971, 318.963 by changing the saturation by 10% instead.

■ 89, 5.971, 318.963

■ 89, 5.971, 318.963

■ 100, 5.971,
318.963

■ 79, 5.971, 318.963

■ 69, 5.971, 318.963

■ 59, 5.971, 318.963

■ 49, 5.971, 318.963

■ 39, 5.971, 318.963

■ 29, 5.971, 318.963

■ 19, 5.971, 318.963

■ 9, 5.971, 318.963

■ 0, 5.971, 318.963

89, 5.971, 318.963

89, 5.971, 318.963

83, 19.929,
319.435

95, 7.713, 138.598

77, 34.051,
319.890

98, 13.611,
135.269

71, 48.144,
320.329

99, 12.945,
128.830

66, 61.915,
320.730

99, 12.460,
121.725

61, 74.942,
321.064

99, 12.186,
114.111

56, 86.667,
321.291

99, 12.130,
109.261

53, 96.440,
321.366

50, 103.643,
321.242

■ 48,107.918,
320.884

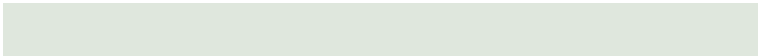
Harmonies

Complementary

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



89, 5.971, 318.963



91, 5.938, 138.655

Rectangle

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



89, 5.971, 318.963



89, 5.971, 8.963



89, 5.971, 138.963



89, 5.971, 188.963

Sweetspot

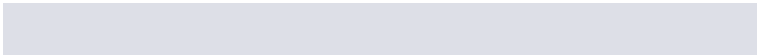
The Sweet Spot groups the original color and five complimentary colors.



89, 5.969, 318.961



99, 1.497, 318.687



89, 4.144, 279.933



53, 0.852, 318.676



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, 5.969, 318.961



97, 7.476, 318.997



89, 5.198, 333.839



46, 4.680, 319.029



36, 90.108, 320.719



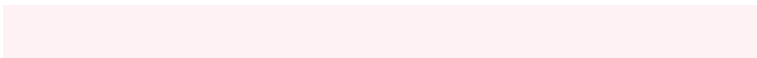
6, 37.101, 321.563

Inverse Universe

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



89, 3.762, 3.486



97, 4.718, 3.573



91, 5.173, 153.402



46, 2.957, 3.649



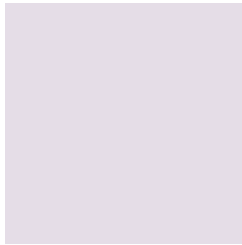
37, 71.013, 29.297



7, 26.667, 13.410

Previews

White Background



This preview shows how the CIELCh color 89, 5.971, 318.963 looks on a white background.

Color Contrast Check

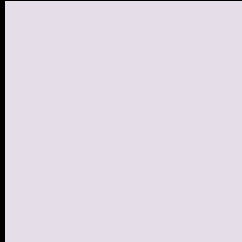
Large Text (above 18pt) WCAG AA × Fail

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, 5.971, 318.963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

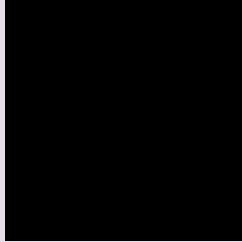
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

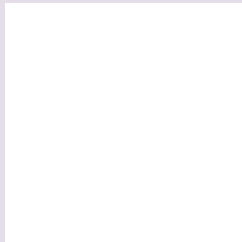
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 5.971, 318.963

Background



This preview shows how black text looks on a background with the CIELCh color 89, 5.971, 318.963.

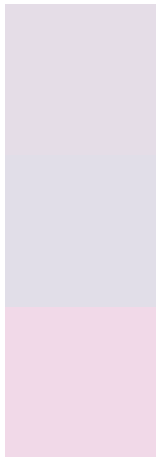


This preview shows how white text looks on a background with the CIELCh color 89, 5.971, 318.963.

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

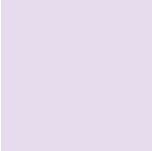
89, 5.971, 318.963

Protanopia

89, 5.339, 302.040

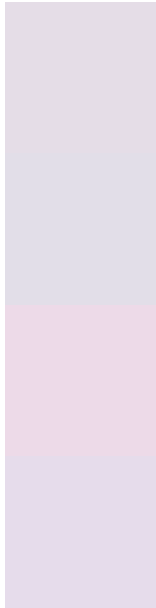
Deuteranopia

89, 11.648, 338.190



Tritanopia
89, 9.583, 312.374

Trichromacy



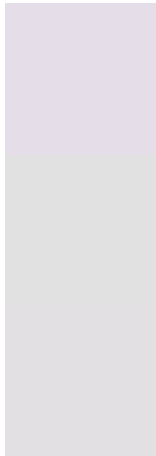
Original Color
89, 5.971, 318.963

Protanomaly
89, 5.425, 305.697

Deuteranomaly
89, 10.003, 333.330

Tritanomaly
89, 8.625, 314.911

Monochromacy



Original Color
89, 5.971, 318.963

Achromatopsia
90, 0.011, 296.813

Achromatomaly
89, 1.733, 314.616

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 5.971, 318.963 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(229, 221, 231)` looks like.

```
.text, #text, p{  
    color:rgb(229, 221, 231)  
}
```

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(229, 221, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 221, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 5.971, 318.963 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(229, 221, 231) }
```

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

```
.border{ border-color:rgb(229, 221, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 221, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 221, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 221, 231);  
box-shadow:4px 4px 4px 4px rgb(229, 221,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 5.971, 318.963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 221, 231) }
```

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

```
.background{ background-color: rgb(229,  
221, 231) }
```

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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