

Converting Colors

CIELCh(89, 2.405, 308.585)

Have a look what the booklet for
CIELCh(89, 2.405, 308.585) contains.

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Color

CIELCh(89, 2.219, 309.086)

Conversions

Conversions Part 1

Format	Color
Hex	E1DFE3
RGB	225, 223, 227
RGB Percent	88%, 87%, 89%
CMY	0.1185, 0.1263, 0.1107
CMYK	0.01, 0.02, 0.00, 0.11
HSL	270°, 7%, 88%
HSV	270°, 2%, 89%
XYZ	71.1465, 74.1641, 83.0790
YIQ	224.0540, -0.0920, 1.6680

Conversions

Conversions Part 2

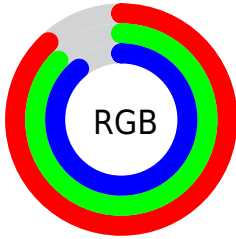
Format	Color
R_{YB}	225, 223, 227
Decimal	14802915
CIE Lab	89.00, 1.40, -1.72
CIE LCh	89, 2.219, 309.086
Yxy	74.1641, 0.3115, 0.3247
Android (android.graphics.Color)	4292992995 (0xFFE1DFE3)
YUV	224.0540, 1.4524, 0.8296
Hunter-Lab	86.1186, -3.2405, 3.0857

Details

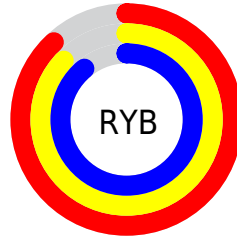
The CIELCh color **89, 2.219, 309.086** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **90, 2.191, 129.034**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **69, 2.336, 309.123** is the 20% darker color. If you saturate the color by 10%, you get **82, 14.963, 309.577**, and if you desaturate by 10%, it is **96, 10.146, 128.728**.

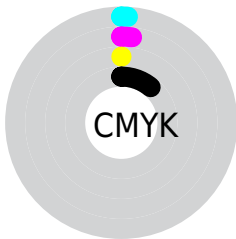
Distribution



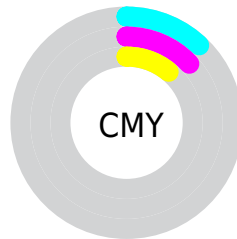
- Red (88%)
- Green (87%)
- Blue (89%)



- Red (88%)
- Yellow (87%)
- Blue (89%)



- Cyan (1%)
- Magenta (2%)
- Yellow (0%)
- Black (11%)



- Cyan (12%)
- Magenta (13%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 2.219, 309.086 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, 2.219, 309.086 by changing the saturation by 10% instead.

■ 89, 2.219, 309.086

■ 89, 2.219, 309.086

100, 2.219,
309.086

■ 79, 2.219, 309.086

■ 69, 2.219, 309.086

■ 59, 2.219, 309.086

■ 49, 2.219, 309.086

■ 39, 2.219, 309.086

■ 29, 2.219, 309.086

■ 19, 2.219, 309.086

■ 9, 2.219, 309.086

■ 0, 2.219, 309.086

89, 2.219, 309.086

89, 2.219, 309.086

82, 14.963,
309.577

96, 10.146,
128.728

76, 28.068,
310.080

99, 14.570,
119.862

69, 41.470,
310.614

99, 14.278,
109.098

63, 55.040,
311.162

57, 68.544,
311.693

51, 81.583,
312.156

46, 93.535,
312.475

42, 103.542,
312.544

■ 38,110.678,
312.247

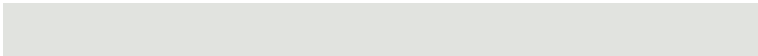
Harmonies

Complementary

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



89, 2.219, 309.086



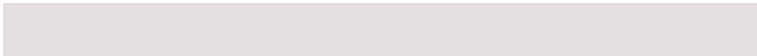
90, 2.191, 129.034

Rectangle

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



89, 2.219, 309.086



89, 2.219, 359.086



89, 2.219, 129.086



89, 2.219, 179.086

Sweetspot

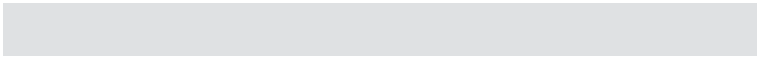
The Sweet Spot groups the original color and five complimentary colors.



89, 2.217, 309.069



99, 1.387, 308.993



89, 1.242, 254.139



53, 0.789, 308.985



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, 2.217, 309.069



99, 2.767, 309.087



89, 2.531, 323.984



47, 1.416, 309.079



27, 94.442, 311.926



4, 33.476, 310.291

Inverse Universe

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



89, 1.786, 343.518



99, 2.229, 343.570



90, 2.512, 144.015



47, 1.141, 343.545



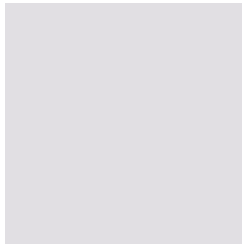
38, 64.182, 1.785



6, 26.436, 354.696

Previews

White Background



This preview shows how the CIELCh color 89, 2.219, 309.086 looks on a white background.

Color Contrast Check

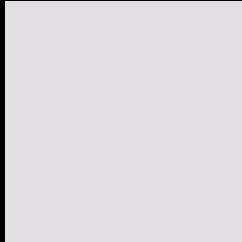
Large Text (above 18pt) WCAG AA × Fail

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, 2.219, 309.086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

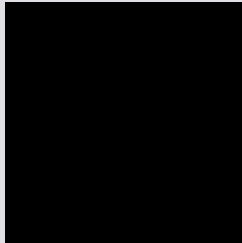
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

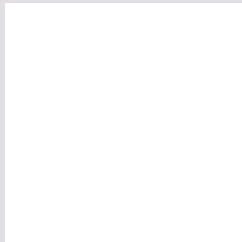
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 2.219, 309.086

Background



This preview shows how black text looks on a background with the CIELCh color 89, 2.219, 309.086.

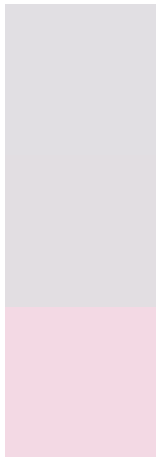


This preview shows how white text looks on a background with the CIELCh color 89, 2.219, 309.086.

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, 2.219, 309.086

Protanopia

89, 2.549, 324.428

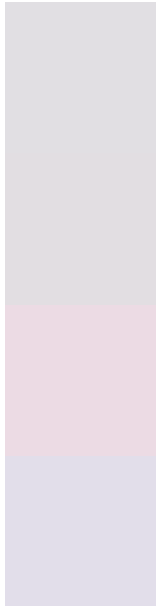
Deuteranopia

89, 11.010, 348.941



Tritanopia
89, 9.143, 304.152

Trichromacy



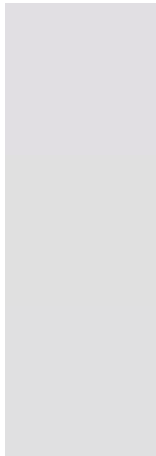
Original Color
89, 2.219, 309.086

Protanomaly
89, 2.549, 324.428

Deuteranomaly
89, 7.727, 342.625

Tritanomaly
89, 6.435, 303.319

Monochromacy



Original Color
89, 2.219, 309.086

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 0.530, 290.353

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 2.219, 309.086 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(225, 223, 227)` looks like.

```
.text, #text, p{  
    color:rgb(225, 223, 227)  
}
```

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(225, 223, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 223, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 2.219, 309.086 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(225, 223, 227) }
```

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

```
.border{ border-color:rgb(225, 223, 227) }
```

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

Here you see how a box with a 4 pixel rgb(225, 223, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 223, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 223, 227);  
box-shadow:4px 4px 4px 4px rgb(225, 223,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 2.219, 309.086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 223, 227) }
```

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

```
.background{ background-color: rgb(225,  
223, 227) }
```

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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