

Converting Colors

CIELCh(89, 3.590, 325.028)

Have a look what the booklet for
CIELCh(89, 3.590, 325.028) contains.

CIELCh(89, 3.399, 329.453)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(89, 3.399, 329.453)

Conversions

Conversions Part 1

Format	Color
Hex	E4DEE3
RGB	228, 222, 227
RGB Percent	89%, 87%, 89%
CMY	0.1065, 0.1300, 0.1104
CMYK	0.00, 0.03, 0.00, 0.11
HSL	310°, 10%, 88%
HSV	310°, 3%, 89%
XYZ	71.8674, 74.1641, 83.0860
YIQ	224.3640, 1.9710, 2.8270

Conversions

Conversions Part 2

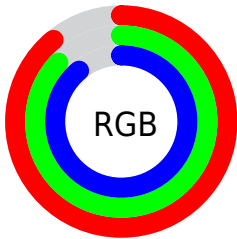
Format	Color
R _Y B	228, 222, 227
Decimal	14999267
CIE Lab	89.00, 2.93, -1.73
CIE LCh	89, 3.399, 329.453
Yxy	74.1641, 0.3137, 0.3237
Android (android.graphics.Color)	4293189347 (0xFFE4DDE3)
YUV	224.3640, 1.2995, 3.1888
Hunter-Lab	86.1186, -1.7463, 3.0809

Details

The CIELCh color `89, 3.399, 329.453` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `90, 3.377, 149.333`, 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, 3.579, 329.522` is the 20% darker color. If you saturate the color by 10%, you get `83, 16.395, 330.145`, and if you desaturate by 10%, it is `95, 9.375, 149.000`.

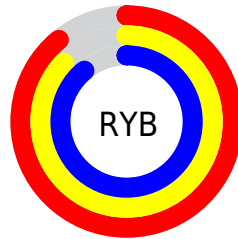
Distribution



Red (89%)

Green (87%)

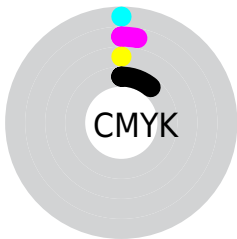
Blue (89%)



Red (89%)

Yellow (87%)

Blue (89%)

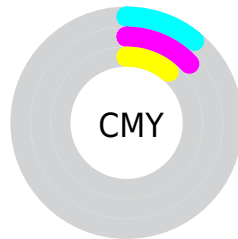


Cyan (0%)

Magenta (3%)

Yellow (0%)

Black (11%)



Cyan (11%)

Magenta (13%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 3.399, 329.453 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, 3.399, 329.453 by changing the saturation by 10% instead.

■ 89, 3.399, 329.453

■ 89, 3.399, 329.453

■ 100, 3.399,
329.453

■ 79, 3.399, 329.453

■ 69, 3.399, 329.453

■ 59, 3.399, 329.453

■ 49, 3.399, 329.453

■ 39, 3.399, 329.453

■ 29, 3.399, 329.453

■ 19, 3.399, 329.453

■ 9, 3.399, 329.453

■ 0, 3.399, 329.453

89, 3.399, 329.453

89, 3.399, 329.453

83, 16.395,
330.145

95, 9.375, 149.000

78, 29.474,
330.784

98, 14.274,
151.376

72, 42.401,
331.433

98, 12.869,
157.059

68, 54.845,
332.092

98, 11.611,
164.022

63, 66.354,
332.761

98, 10.554,
172.494

59, 76.381,
333.441

98, 9.764, 182.560

56, 84.347,
334.142

98, 9.311, 193.971

54, 89.773,
334.881

98, 9.236, 198.894

■ 53, 92.456,
335.686

Harmonies

Complementary

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



89, 3.399, 329.453



90, 3.377, 149.333

Rectangle

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



89, 3.399, 329.453



89, 3.399, 19.453



89, 3.399, 149.453



89, 3.399, 199.453

Sweetspot

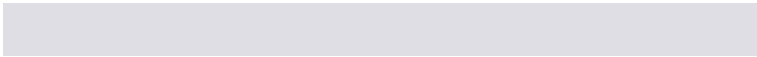
The Sweet Spot groups the original color and five complimentary colors.



89, 3.397, 329.456



99, 1.418, 329.202



89, 3.159, 296.896



53, 0.806, 329.186



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, 3.397, 329.456



98, 4.242, 329.492



89, 2.406, 353.718



47, 2.950, 329.555



41, 77.664, 336.177



8, 33.236, 334.759

Inverse Universe

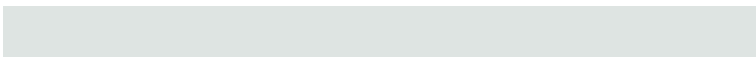
The Inverse Universe completely reimagines the original color for something new.



89, 3.397, 329.456



98, 4.242, 329.492



90, 2.379, 173.670



47, 2.950, 329.555



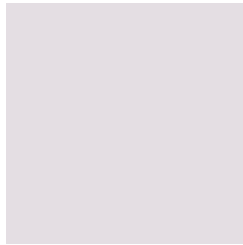
41, 77.664, 336.177



8, 33.236, 334.759

Previews

White Background



This preview shows how the CIELCh color 89, 3.399, 329.453 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, 3.399, 329.453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

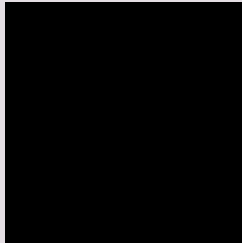
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

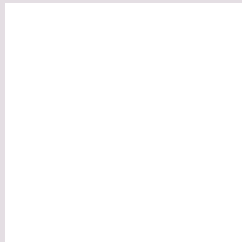
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 3.399, 329.453

Background



This preview shows how black text looks on a background with the CIELCh color 89, 3.399, 329.453.

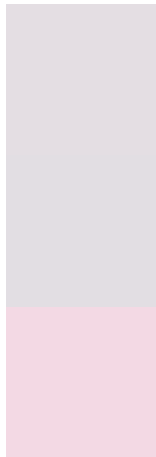


This preview shows how white text looks on a background with the CIELCh color 89, 3.399, 329.453.

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

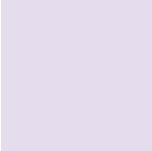
89, 3.399, 329.453

Protanopia

89, 2.993, 318.832

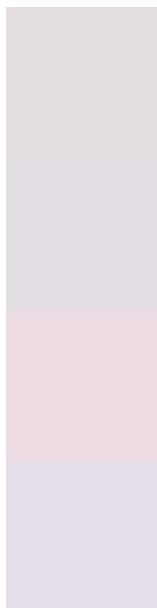
Deuteranopia

89, 11.010, 348.941



Tritanopia
89, 9.949, 309.392

Trichromacy



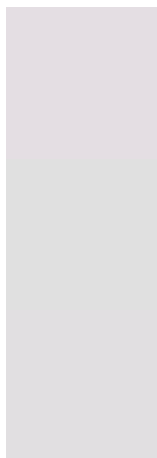
Original Color
89, 3.399, 329.453

Protanomaly
89, 3.182, 324.474

Deuteranomaly
89, 8.016, 344.227

Tritanomaly
89, 7.380, 313.201

Monochromacy



Original Color
89, 3.399, 329.453

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 1.279, 324.271

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 3.399, 329.453 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(228, 222, 227)` looks like.

```
.text, #text, p{  
    color:rgb(228, 222, 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(228, 222, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 222, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 3.399, 329.453 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(228, 222, 227) }
```

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

```
.border{ border-color:rgb(228, 222, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 222, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 222, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 222, 227);  
box-shadow:4px 4px 4px 4px rgb(228, 222,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 3.399, 329.453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 222, 227) }
```

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

```
.background{ background-color: rgb(228,  
222, 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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