

Converting Colors

CIELCh(89, 14.159, 323.443)

Have a look what the booklet for
CIELCh(89, 14.159, 323.443)
contains.

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Color

CIELCh(89, 14.340, 323.757)

Conversions

Conversions Part 1

Format	Color
Hex	EFD9F0
RGB	239, 217, 240
RGB Percent	94%, 85%, 94%
CMY	0.0633, 0.1495, 0.0594
CMYK	0.00, 0.10, 0.00, 0.06
HSL	297°, 43%, 90%
HSV	297°, 10%, 94%
XYZ	76.0340, 74.1641, 92.6368
YIQ	226.2000, 5.7290, 11.8170

Conversions

Conversions Part 2

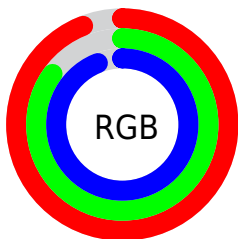
Format	Color
R _{YB}	239, 217, 240
Decimal	15718896
CIE Lab	89.00, 11.57, -8.48
CIE LCh	89, 14.340, 323.757
Yxy	74.1641, 0.3131, 0.3054
Android (android.graphics.Color)	4293908976 (0xFFEFD9F0)
YUV	226.2000, 6.8034, 11.2256
Hunter-Lab	86.1186, 6.8900, -3.4945

Details

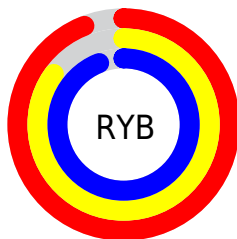
The CIELCh color `89, 14.340, 323.757` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `93, 14.305, 142.760`, and the grayscale version is `90, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `69, 14.427, 323.820` is the 20% darker color. If you saturate the color by 10%, you get `83, 29.428, 324.289`, and if you desaturate by 10%, it is `95, 0.603, 143.727`.

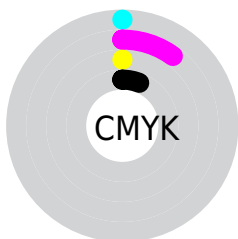
Distribution



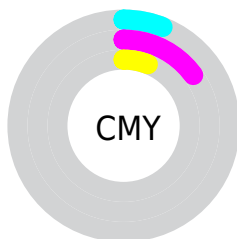
- Red (94%)
- Green (85%)
- Blue (94%)



- Red (94%)
- Yellow (85%)
- Blue (94%)



- Cyan (0%)
- Magenta (10%)
- Yellow (0%)
- Black (6%)





- Cyan (6%)
- Magenta (15%)
- Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 14.340, 323.757 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, 14.340, 323.757 by changing the saturation by 10% instead.


 89, 14.340,
323.757


 89, 14.340,
323.757


 100, 14.340,
323.757


 79, 14.340,
323.757

 69, 14.340,
323.757

 59, 14.340,
323.757

 49, 14.340,
323.757

 39, 14.340,
323.757

 29, 14.340,
323.757

 19, 14.340,

323.757

■ 9, 14.340, 323.757

■ 0, 14.340, 323.757

■ 89, 14.340,
323.757

■ 89, 14.340,
323.757

■ 83, 29.428,
324.289

■ 95, 0.603, 143.727

■ 78, 44.444,
324.804

■ 99, 9.200, 142.221

■ 72, 59.057,
325.288

■ 99, 9.002, 140.297

■ 68, 72.818,
325.725

■ 99, 8.814, 138.283

■ 64, 85.173,

■ 99, 8.638, 136.180

■ 99, 8.474, 133.987

326.091

99, 8.322, 131.706

60, 95.511,
326.365

99, 8.185, 129.340

58, 103.285,
326.528

99, 8.062, 126.891

56, 108.188,
326.569

55, 110.507,
326.500

Harmonies

Complementary

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



89, 14.340, 323.757



93, 14.305, 142.760

Rectangle

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



89, 14.340, 323.757



89, 14.340, 13.757



89, 14.340, 143.757



89, 14.340, 193.757

Sweetspot

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



89, 14.337, 323.757



98, 4.697, 323.370



88, 11.429, 289.143



52, 3.562, 323.425



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, 14.337, 323.757



92, 18.888, 323.889



89, 10.595, 341.779



47, 8.493, 323.751



42, 90.496, 326.525



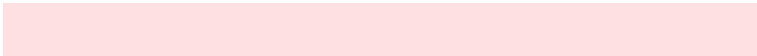
9, 39.490, 326.760

Inverse Universe

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



89, 8.435, 16.429



92, 11.197, 16.651



93, 10.485, 160.320



47, 4.995, 16.419



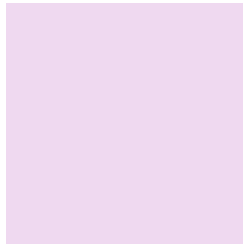
38, 79.821, 38.258



8, 29.608, 22.059

Previews

White Background



This preview shows how the CIELCh color 89, 14.340, 323.757 looks on a white background.

Color Contrast Check

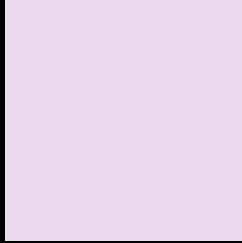
Large Text (above 18pt) WCAG AA × Fail

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, 14.340, 323.757 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

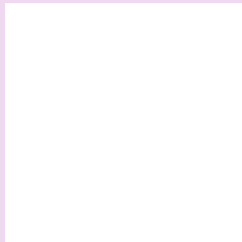
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 14.340, 323.757

Background



This preview shows how black text looks on a background with the CIELCh color 89, 14.340, 323.757.



This preview shows how white text looks on a background with the CIELCh color 89, 14.340, 323.757.

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, 14.340, 323.757

Protanopia

89, 10.950, 291.075

Deuteranopia

89, 14.152, 322.535



Tritanopia
89, 11.405, 329.317

Trichromacy



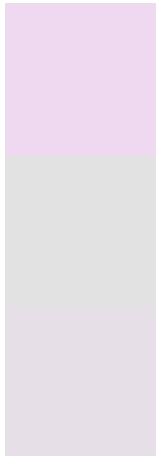
Original Color
89, 14.340, 323.757

Protanomaly
89, 11.852, 304.652

Deuteranomaly
89, 14.152, 322.535

Tritanomaly
89, 12.227, 326.256

Monochromacy



Original Color
89, 14.340, 323.757

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 5.075, 324.576

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 14.340, 323.757 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(239, 217, 240)` looks like.

```
.text, #text, p{  
    color:rgb(239, 217, 240)  
}
```

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(239, 217, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 217, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 14.340, 323.757 is called "border". The border property can be set on classes, ids or directly on the HTML element.

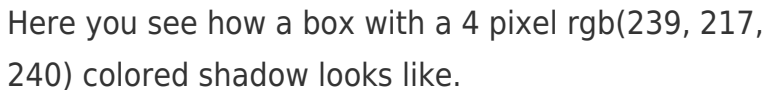
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(239, 217, 240) }
```

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

```
.border{ border-color:rgb(239, 217, 240) }
```

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



Here you see how a box with a 4 pixel `rgb(239, 217, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 217, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 217, 240);  
box-shadow:4px 4px 4px 4px rgb(239, 217,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 14.340, 323.757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 217, 240) }
```

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

```
.background{ background-color: rgb(239,  
217, 240) }
```

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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