

Converting Colors

CIELCh(89, 1.880, 333.082)

Have a look what the booklet for
CIELCh(89, 1.880, 333.082) contains.

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Color

CIELCh(89, 1.512, 335.506)

Conversions

Conversions Part 1

Format	Color
Hex	E2DFE1
RGB	226, 223, 225
RGB Percent	89%, 87%, 88%
CMY	0.1149, 0.1266, 0.1188
CMYK	0.00, 0.01, 0.00, 0.11
HSL	320°, 5%, 88%
HSV	320°, 1%, 89%
XYZ	71.1356, 74.1641, 81.5939
YIQ	224.1250, 1.1460, 1.2580

Conversions

Conversions Part 2

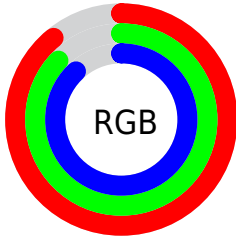
Format	Color
R _Y B	226, 223, 225
Decimal	14868449
CIE Lab	89.00, 1.38, -0.63
CIE LCh	89, 1.512, 335.506
Yxy	74.1641, 0.3135, 0.3269
Android (android.graphics.Color)	4293058529 (0xFFE2DFE1)
YUV	224.1250, 0.4314, 1.6444
Hunter-Lab	86.1186, -3.2631, 4.1081

Details

The CIELCh color `89, 1.512, 335.506` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `90, 1.492, 155.847`, 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, 1.591, 335.591` is the 20% darker color. If you saturate the color by 10%, you get `83, 12.950, 336.460`, and if you desaturate by 10%, it is `95, 9.680, 155.147`.

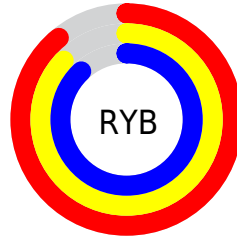
Distribution



Red (89%)

Green (87%)

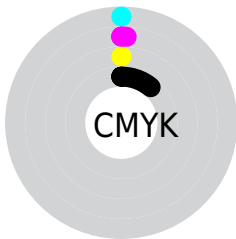
Blue (88%)



Red (89%)

Yellow (87%)

Blue (88%)

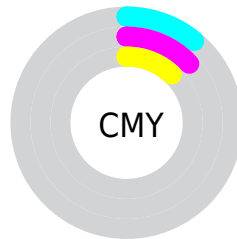


Cyan (0%)

Magenta (1%)

Yellow (0%)

Black (11%)



Cyan (11%)

Magenta (13%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 1.512, 335.506 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, 1.512, 335.506 by changing the saturation by 10% instead.

■ 89, 1.512, 335.506

■ 89, 1.512, 335.506

100, 1.512,
335.506

■ 79, 1.512, 335.506

■ 69, 1.512, 335.506

■ 59, 1.512, 335.506

■ 49, 1.512, 335.506

■ 39, 1.512, 335.506

■ 29, 1.512, 335.506

■ 19, 1.512, 335.506

■ 9, 1.512, 335.506

■ 0, 1.512, 335.506

89, 1.512, 335.506

89, 1.512, 335.506

83, 12.950,
336.460

95, 9.680, 155.147

78, 24.528,
337.240

98, 12.916,
161.676

72, 36.058,
338.070

98, 10.877,
177.593

67, 47.257,
338.970

98, 9.943, 198.386

62, 57.725,
339.965

98, 9.938, 198.845

58, 66.947,
341.087

55, 74.349,
342.388

52, 79.416,
343.941

■ 51, 81.877,
345.837

Harmonies

Complementary

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



89, 1.512, 335.506



90, 1.492, 155.847

Rectangle

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



89, 1.512, 335.506



89, 1.512, 25.506



89, 1.512, 155.506



89, 1.512, 205.506

Sweetspot

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



89, 1.510, 335.523

100, 0.012, 296.813



89, 1.615, 303.078



53, 0.007, 296.813



0, 0.000, 0.000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



89, 1.510, 335.523



99, 2.509, 335.656



89, 1.112, 5.431



47, 1.284, 335.637



39, 68.506, 347.356



7, 28.771, 343.387

Inverse Universe

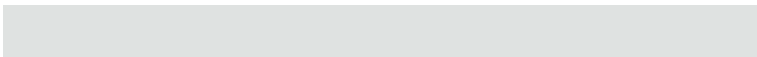
The Inverse Universe completely reimagines the original color for something new.



89, 1.510, 335.523



99, 2.509, 335.656



90, 1.098, 186.229



47, 1.284, 335.637



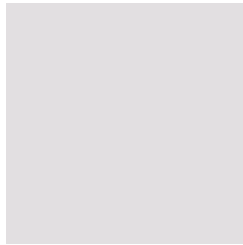
39, 68.506, 347.356



7, 28.771, 343.387

Previews

White Background



This preview shows how the CIE LCh color 89, 1.512, 335.506 looks on a white background.

Color Contrast Check

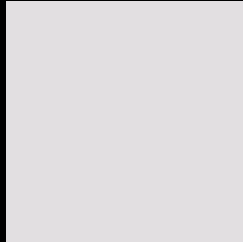
Large Text (above 18pt) WCAG AA × Fail

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, 1.512, 335.506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

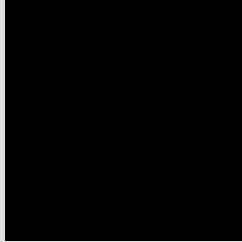
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

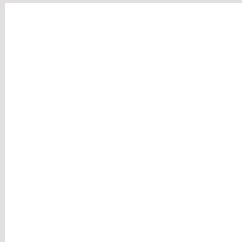
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 1.512, 335.506

Background



This preview shows how black text looks on a background with the CIELCh color 89, 1.512, 335.506.

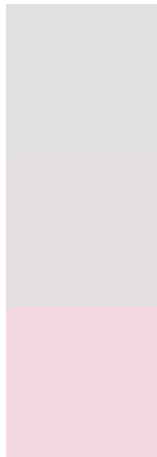


This preview shows how white text looks on a background with the CIELCh color 89, 1.512, 335.506.

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, 1.512, 335.506

Protanopia

89, 2.089, 349.377

Deuteranopia

89, 11.413, 353.170



Tritanopia
89, 9.233, 306.270

Trichromacy



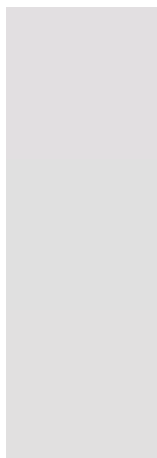
Original Color
89, 1.512, 335.506

Protanomaly
89, 2.089, 349.377

Deuteranomaly
89, 8.042, 348.792

Tritanomaly
89, 6.026, 307.663

Monochromacy



Original Color
89, 1.512, 335.506

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 0.359, 17.759

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 1.512, 335.506 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(226, 223, 225)` looks like.

```
.text, #text, p{  
    color:rgb(226, 223, 225)  
}
```

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(226, 223, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 223, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 1.512, 335.506 is called "border". The border property can be set on classes, ids or directly on the HTML element.

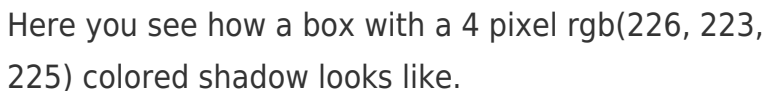
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(226, 223, 225) }
```

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

```
.border{ border-color:rgb(226, 223, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(226, 223, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 223, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 223, 225); box-shadow:4px 4px 4px 4px rgb(226, 223, 225) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 1.512, 335.506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 223, 225) }
```

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

```
.background{ background-color: rgb(226,  
223, 225) }
```

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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