

Converting Colors

CIELCh(89, 10.866, 325.105)

Have a look what the booklet for
CIELCh(89, 10.866, 325.105)
contains.

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Color

CIELCh(89, 11.398, 324.836)

Conversions

Conversions Part 1

Format	Color
Hex	ECDAEC
RGB	236, 218, 236
RGB Percent	93%, 85%, 93%
CMY	0.0738, 0.1444, 0.0738
CMYK	0.00, 0.08, 0.00, 0.07
HSL	300°, 32%, 89%
HSV	300°, 8%, 93%
XYZ	74.9349, 74.1641, 89.8587
YIQ	225.4340, 4.9500, 9.4140

Conversions

Conversions Part 2

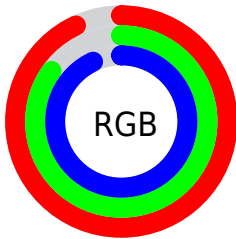
Format	Color
R _Y B	236, 218, 236
Decimal	15522540
CIE Lab	89.00, 9.32, -6.56
CIE LCh	89, 11.398, 324.836
Yxy	74.1641, 0.3136, 0.3104
Android (android.graphics.Color)	4293712620 (0xFFE0DAEC)
YUV	225.4340, 5.2090, 9.2664
Hunter-Lab	86.1186, 4.6117, -1.5819

Details

The CIELCh color `89, 11.398, 324.836` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `92, 11.375, 144.023`, 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, 11.336, 324.932` is the 20% darker color. If you saturate the color by 10%, you get `83, 26.467, 325.402`, and if you desaturate by 10%, it is `95, 3.514, 144.397`.

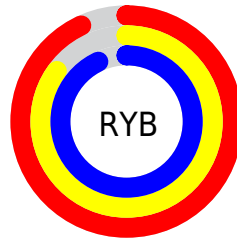
Distribution



Red (93%)

Green (85%)

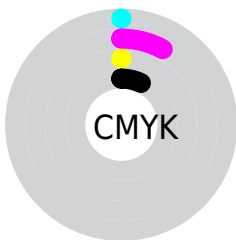
Blue (93%)



Red (93%)

Yellow (85%)

Blue (93%)

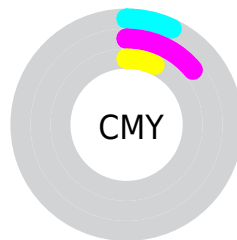


Cyan (0%)

Magenta (8%)

Yellow (0%)

Black (7%)



Cyan (7%)


Magenta (14%)

Yellow (7%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 11.398, 324.836 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, 11.398, 324.836 by changing the saturation by 10% instead.


 89, 11.398,
324.836


 89, 11.398,
324.836


 100, 11.398,
324.836


 79, 11.398,
324.836


 69, 11.398,
324.836

 59, 11.398,
324.836

 49, 11.398,
324.836

 39, 11.398,
324.836

 29, 11.398,
324.836

 19, 11.398,

324.836

■ 9, 11.398, 324.836

■ 0, 11.398, 324.836

■ 89, 11.398,
324.836

■ 89, 11.398,
324.836

■ 83, 26.467,
325.402

■ 95, 3.514, 144.397

■ 78, 41.479,
325.948

■ 98, 11.720,
144.037

■ 73, 56.107,
326.468

■ 98, 11.720,
144.038

■ 68, 69.913,
326.947

■ 98, 11.720,
144.038

■ 64, 82.357,

■ 98, 11.720,
144.039

327.369

98, 11.720,
144.039

61, 92.851,
327.715

98, 11.719,
144.040

58, 100.867,
327.974

98, 11.719,
144.040

57, 106.094,
328.140

98, 11.719,
144.041

56, 108.641,
328.220

Harmonies

Complementary

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



89, 11.398, 324.836



92, 11.375, 144.023

Rectangle

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



89, 11.398, 324.836



89, 11.398, 14.836



89, 11.398, 144.836



89, 11.398, 194.836

Sweetspot

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



89, 11.395, 324.836



99, 3.176, 324.456



88, 9.417, 290.963



53, 1.806, 324.445



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, 11.395, 324.836



94, 14.333, 324.918



89, 8.021, 344.229



46, 8.457, 324.943



43, 89.363, 328.233



9, 38.267, 328.233

Inverse Universe

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



89, 11.395, 324.836



94, 14.333, 324.918



92, 7.934, 163.073



46, 8.457, 324.943



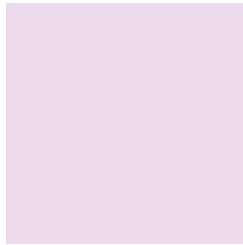
43, 89.363, 328.233



9, 38.267, 328.233

Previews

White Background



This preview shows how the CIELCh color 89, 11.398, 324.836 looks on a white background.

Color Contrast Check

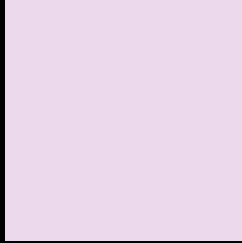
Large Text (above 18pt) WCAG AA × Fail

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, 11.398, 324.836 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

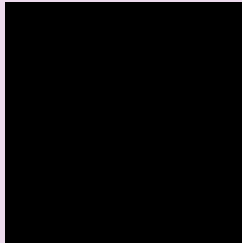
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

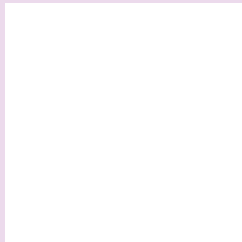
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 11.398, 324.836

Background



This preview shows how black text looks on a background with the CIELCh color 89, 11.398, 324.836.

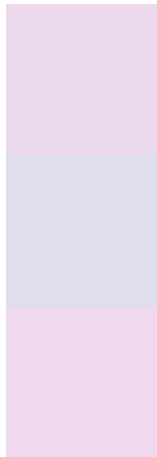


This preview shows how white text looks on a background with the CIELCh color 89, 11.398, 324.836.

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, 11.398, 324.836

Protanopia

89, 8.878, 293.149

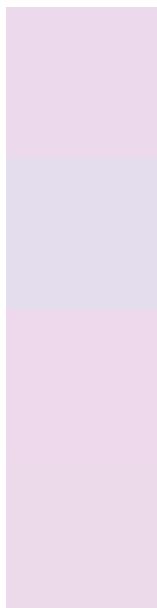
Deuteranopia

89, 12.663, 328.924



Tritanopia
89, 10.975, 326.368

Trichromacy



Original Color
89, 11.398, 324.836

Protanomaly
89, 9.233, 306.270

Deuteranomaly
89, 12.447, 327.613

Tritanomaly
89, 10.975, 326.368

Monochromacy



Original Color
89, 11.398, 324.836

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 4.444, 324.545

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 11.398, 324.836 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(236, 218, 236)` looks like.

```
.text, #text, p{  
    color:rgb(236, 218, 236)  
}
```

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(236, 218, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 218, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 11.398, 324.836 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(236, 218, 236) }
```

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

```
.border{ border-color:rgb(236, 218, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 218, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 218, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 218, 236);  
box-shadow:4px 4px 4px 4px rgb(236, 218,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 11.398, 324.836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 218, 236) }
```

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

```
.background{ background-color: rgb(236,  
218, 236) }
```

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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