

Converting Colors

CIELCh(89, 10.771, 324.813)

Have a look what the booklet for
CIELCh(89, 10.771, 324.813)
contains.

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Color

CIELCh(89, 10.771, 324.813)

Conversions

Conversions Part 1

Format	Color
Hex	EBDAEB
RGB	235, 218, 235
RGB Percent	92%, 85%, 92%
CMY	0.0765, 0.1432, 0.0765
CMYK	0.00, 0.07, 0.00, 0.08
HSL	300°, 30%, 89%
HSV	300°, 7%, 92%
XYZ	74.6845, 74.1641, 89.3459
YIQ	225.0210, 4.6750, 8.8910

Conversions

Conversions Part 2

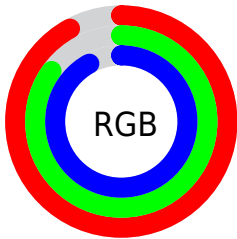
Format	Color
R _Y B	235, 218, 235
Decimal	15457003
CIE Lab	89.00, 8.80, -6.21
CIE LCh	89, 10.771, 324.813
Yxy	74.1641, 0.3135, 0.3114
Android (android.graphics.Color)	4293647083 (0xFFEBDAEB)
YUV	225.0210, 4.9196, 8.7516
Hunter-Lab	86.1186, 4.0927, -1.2289

Details

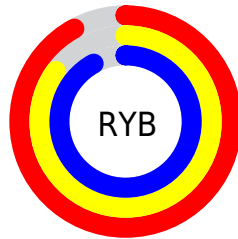
The CIELCh color `89, 10.771, 324.813` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `92, 10.748, 144.050`, and the grayscale version is `90, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `69, 10.677, 324.903` is the 20% darker color. If you saturate the color by 10%, you get `83, 25.802, 325.380`, and if you desaturate by 10%, it is `95, 4.095, 144.364`.

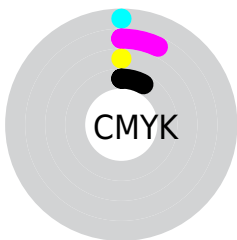
Distribution



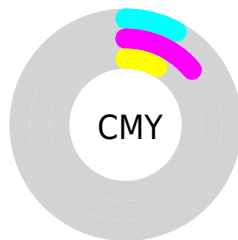
- Red (92%)
- Green (85%)
- Blue (92%)



- Red (92%)
- Yellow (85%)
- Blue (92%)



- Cyan (0%)
- Magenta (7%)
- Yellow (0%)
- Black (8%)





- Cyan (8%)
- Magenta (14%)
- Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 10.771, 324.813 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, 10.771, 324.813 by changing the saturation by 10% instead.


 89, 10.771,
324.813


 89, 10.771,
324.813


 100, 10.771,
324.813


 79, 10.771,
324.813


 69, 10.771,
324.813

 59, 10.771,
324.813

 49, 10.771,
324.813

 39, 10.771,
324.813

 29, 10.771,
324.813

 19, 10.771,

324.813

■ 9, 10.771, 324.813

■ 0, 10.771, 324.813

■ 89, 10.771,
324.813

■ 89, 10.771,
324.813

■ 83, 25.802,
325.380

■ 95, 4.095, 144.364

■ 78, 40.785,
325.926

■ 98, 12.153,
144.020

■ 73, 55.401,
326.448

■ 98, 12.152,
144.021

■ 68, 69.218,
326.929

■ 98, 12.152,
144.023

■ 64, 81.700,

■ 98, 12.152,
144.024

327.353

98, 12.151,
144.025

61, 92.260,
327.703

98, 12.151,
144.026

58, 100.366,
327.966

98, 12.151,
144.027

57, 105.697,
328.136

98, 12.150,
144.028

56, 108.329,
328.219

Harmonies

Complementary

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



89, 10.771, 324.813



92, 10.748, 144.050

Rectangle

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



89, 10.771, 324.813



89, 10.771, 14.813



89, 10.771, 144.813



89, 10.771, 194.813

Sweetspot

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



89, 10.768, 324.813



99, 3.176, 324.456



88, 8.895, 290.920



53, 1.806, 324.446



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, 10.768, 324.813



94, 14.332, 324.919



89, 7.578, 344.191



46, 8.457, 324.943



43, 89.361, 328.234



9, 38.266, 328.234

Inverse Universe

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



89, 10.768, 324.813



94, 14.332, 324.919



92, 7.499, 163.111



46, 8.457, 324.943



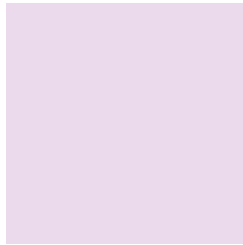
43, 89.361, 328.234



9, 38.266, 328.234

Previews

White Background



This preview shows how the CIELCh color 89, 10.771, 324.813 looks on a white background.

Color Contrast Check

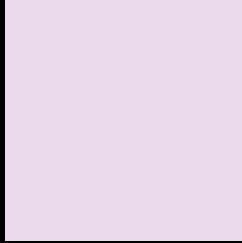
Large Text (above 18pt) WCAG AA × Fail

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, 10.771, 324.813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

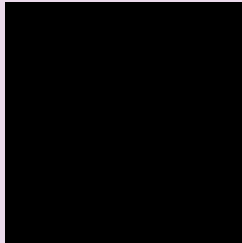
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

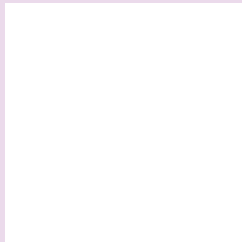
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 10.771, 324.813

Background



This preview shows how black text looks on a background with the CIELCh color 89, 10.771, 324.813.

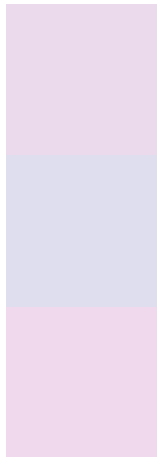


This preview shows how white text looks on a background with the CIELCh color 89, 10.771, 324.813.

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, 10.771, 324.813

Protanopia
89, 8.358, 293.252

Deuteranopia
89, 12.886, 330.194



Tritanopia
89, 11.398, 324.836

Trichromacy



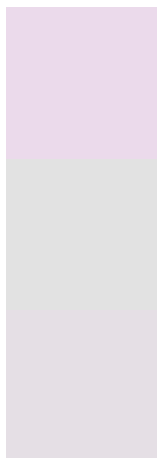
Original Color
89, 10.771, 324.813

Protanomaly
89, 8.732, 307.165

Deuteranomaly
89, 11.812, 327.732

Tritanomaly
89, 11.398, 324.836

Monochromacy



Original Color
89, 10.771, 324.813

Achromatopsia
90, 0.011, 296.813

Achromatomaly
89, 3.812, 324.511

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 10.771, 324.813 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(235, 218, 235)` looks like.

```
.text, #text, p{  
    color:rgb(235, 218, 235)  
}
```

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(235, 218, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 218, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 10.771, 324.813 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(235, 218, 235) }
```

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

```
.border{ border-color:rgb(235, 218, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 218, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 218, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 218, 235);  
box-shadow:4px 4px 4px 4px rgb(235, 218,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 10.771, 324.813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 218, 235) }
```

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

```
.background{ background-color: rgb(235,  
218, 235) }
```

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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