

Converting Colors

CIELCh(89, 14.296, 292.102)

Have a look what the booklet for
CIELCh(89, 14.296, 292.102)
contains.

CIELCh(89, 14.616, 292.702)	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, 14.616, 292.702)

Conversions

Conversions Part 1

Format	Color
Hex	DEDDF9
RGB	222, 221, 249
RGB Percent	87%, 87%, 98%
CMY	0.1290, 0.1329, 0.0231
CMYK	0.11, 0.11, 0.00, 0.02
HSL	242°, 70%, 92%
HSV	242°, 11%, 98%
XYZ	73.1595, 74.1641, 100.1729
YIQ	224.4910, -8.3920, 8.9200

Conversions

Conversions Part 2

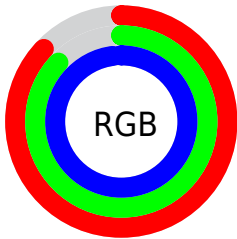
Format	Color
R _Y B	222, 221, 249
Decimal	14605817
CIE Lab	89.00, 5.64, -13.48
CIE LCh	89, 14.616, 292.702
Yxy	74.1641, 0.2956, 0.2997
Android (android.graphics.Color)	4292795897 (0xFFDEDDF9)
YUV	224.4910, 12.0829, -2.1846
Hunter-Lab	86.1186, 0.9318, -8.6829

Details

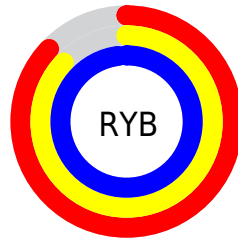
The CIELCh color `89, 14.616, 292.702` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `97, 14.238, 110.551`, and the grayscale version is `89, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `69, 14.861, 293.030` is the 20% darker color. If you saturate the color by 10%, you get `81, 28.187, 293.874`, and if you desaturate by 10%, it is `97, 1.589, 291.731`.

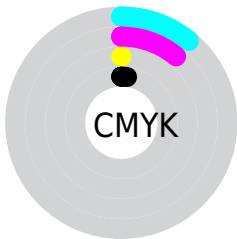
Distribution



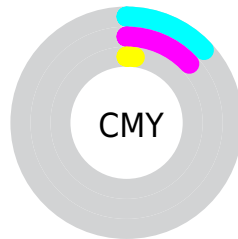
- Red (87%)
- Green (87%)
- Blue (98%)



- Red (87%)
- Yellow (87%)
- Blue (98%)



- Cyan (11%)
- Magenta (11%)
- Yellow (0%)
- Black (2%)





- Cyan (13%)
- Magenta (13%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 14.616, 292.702 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, 14.616, 292.702 by changing the saturation by 10% instead.


 89, 14.616,
292.702


 89, 14.616,
292.702


 100, 14.616,
292.702


 79, 14.616,
292.702

 69, 14.616,
292.702

 59, 14.616,
292.702

 49, 14.616,
292.702

 39, 14.616,
292.702

 29, 14.616,
292.702

 19, 14.616,

292.702

■ 9, 14.616, 292.702

■ 0, 14.616, 292.702

■ 89, 14.616,
292.702

■ 89, 14.616,
292.702

■ 81, 28.187,
293.874

■ 97, 1.589, 291.731

■ 73, 42.347,
295.257

■ 100, 2.974,
109.930

■ 65, 57.111,
296.864

■ 57, 72.428,
298.694

■ 50, 88.065,

300.695

■ 43, 103.378,
302.729

■ 37, 116.988,
304.542

■ 33, 126.785,
305.801

■ 32, 131.312,
306.359

Harmonies

Complementary

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



89, 14.616, 292.702



97, 14.238, 110.551

Rectangle

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



89, 14.616, 292.702



89, 14.616, 342.702



89, 14.616, 112.702



89, 14.616, 162.702

Sweetspot

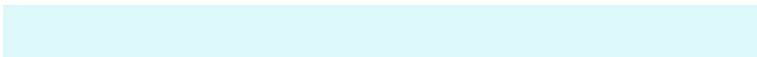
The Sweet Spot groups the original color and five complimentary colors.



89, 14.614, 292.698



98, 3.918, 291.874



96, 9.232, 201.865



52, 2.973, 291.947



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, 14.614, 292.698



89, 17.288, 292.893



90, 15.527, 310.711



48, 7.385, 292.513



23, 106.529, 306.389



3, 42.130, 301.601

Inverse Universe

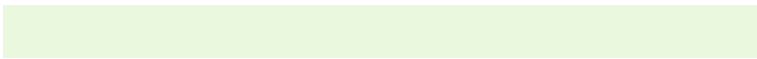
The Inverse Universe completely reimagines the original color for something new.



91, 17.165, 326.019



92, 20.251, 326.121



96, 15.299, 129.741



49, 8.695, 325.917



44, 89.616, 329.703



11, 40.689, 329.511

Previews

White Background



This preview shows how the CIELCh color 89, 14.616, 292.702 looks on a white background.

Color Contrast Check

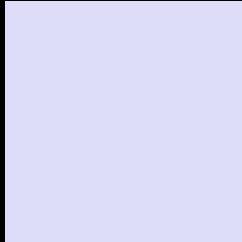
Large Text (above 18pt) WCAG AA × Fail

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, 14.616, 292.702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

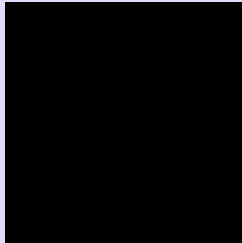
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 14.616, 292.702

Background



This preview shows how black text looks on a background with the CIELCh color 89, 14.616, 292.702.

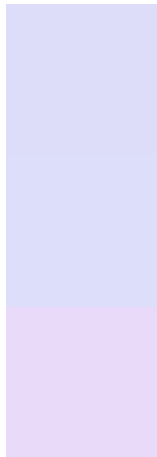


This preview shows how white text looks on a background with the CIELCh color 89, 14.616, 292.702.

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, 14.616, 292.702

Protanopia

89, 14.599, 288.707

Deuteranopia

89, 17.547, 308.570



Tritanopia
89, 8.875, 286.437

Trichromacy



Original Color
89, 14.616, 292.702

Protanomaly
89, 14.593, 290.035

Deuteranomaly
89, 16.590, 303.373

Tritanomaly
89, 10.950, 289.277

Monochromacy



Original Color
89, 14.616, 292.702

Achromatopsia
90, 0.011, 296.813

Achromatomaly
89, 5.211, 290.615

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 14.616, 292.702 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(222, 221, 249)` looks like.

```
.text, #text, p{  
    color:rgb(222, 221, 249)  
}
```

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(222, 221, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 221, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 14.616, 292.702 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(222, 221, 249) }
```

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

```
.border{ border-color:rgb(222, 221, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 221, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 221, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 221, 249);  
box-shadow:4px 4px 4px 4px rgb(222, 221,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 14.616, 292.702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 221, 249) }
```

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

```
.background{ background-color: rgb(222,  
221, 249) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor