

Converting Colors

CIELCh(90, 19.416, 318.836)

Have a look what the booklet for
CIELCh(90, 19.416, 318.836)
contains.

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Color

CIELCh(90, 19.479, 319.017)

Conversions

Conversions Part 1

Format	Color
Hex	F4DAFB
RGB	244, 218, 251
RGB Percent	96%, 85%, 98%
CMY	0.0433, 0.1453, 0.0159
CMYK	0.03, 0.13, 0.00, 0.02
HSL	287°, 80%, 92%
HSV	287°, 13%, 98%
XYZ	79.7542, 76.3034, 101.7500
YIQ	229.5360, 4.9030, 15.7750

Conversions

Conversions Part 2

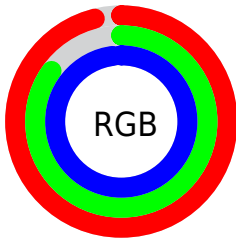
Format	Color
R _Y B	244, 218, 251
Decimal	16046843
CIE Lab	90.00, 14.70, -12.78
CIE LCh	90, 19.479, 319.017
Yxy	76.3034, 0.3094, 0.2960
Android (android.graphics.Color)	4294236923 (0xFFF4DAFB)
YUV	229.5360, 10.5818, 12.6849
Hunter-Lab	87.3518, 10.1089, -7.9165

Details

The CIELCh color **90, 19.479, 319.017** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **96, 19.336, 137.837**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **70, 19.342, 319.701** is the 20% darker color. If you saturate the color by 10%, you get **84, 34.528, 319.472**, and if you desaturate by 10%, it is **97, 4.625, 318.532**.

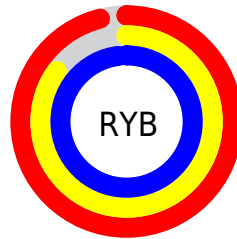
Distribution



Red (96%)

Green (85%)

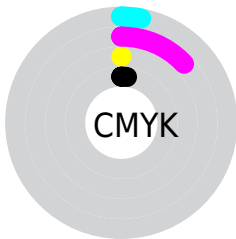
Blue (98%)



Red (96%)

Yellow (85%)

Blue (98%)

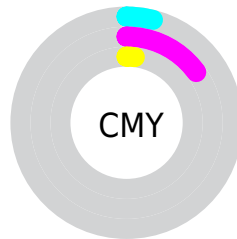


Cyan (3%)

Magenta (13%)

Yellow (0%)

Black (2%)



Cyan (4%)


Magenta (15%)


Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 19.479, 319.017 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 90, 19.479, 319.017 by changing the saturation by 10% instead.


 90, 19.479,
319.017


 90, 19.479,
319.017

 100, 19.479,
319.017


 80, 19.479,
319.017


 70, 19.479,
319.017

 60, 19.479,
319.017

 50, 19.479,
319.017

 40, 19.479,
319.017

 30, 19.479,
319.017

 20, 19.479,

319.017

■ 10, 19.479,
319.017

■ 0, 19.479, 319.017

■ 90, 19.479,
319.017

■ 90, 19.479,
319.017

■ 84, 34.528,
319.472

■ 97, 4.625, 318.532

■ 77, 49.589,
319.913

100, 2.049,
113.922

■ 72, 64.361,
320.320

100, 2.042,
109.988

■ 66, 78.411,
320.662

■ 61, 91.153,
320.900

■ 57, 101.888,
320.985

■ 54, 109.923,
320.868

■ 52, 114.818,
320.509

■ 51, 116.631,
320.141

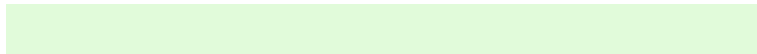
Harmonies

Complementary

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



90, 19.479, 319.017



96, 19.336, 137.837

Rectangle

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



90, 19.479, 319.017



90, 19.479, 9.017



90, 19.479, 139.017



90, 19.479, 189.017

Sweetspot

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



90, 19.476, 319.016



97, 5.956, 318.581



90, 13.610, 281.053



51, 4.235, 318.621



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



90, 19.476, 319.016



89, 24.066, 319.148



90, 17.000, 334.498



49, 8.365, 318.848



38, 94.087, 320.270



9, 42.403, 321.210

Inverse Universe

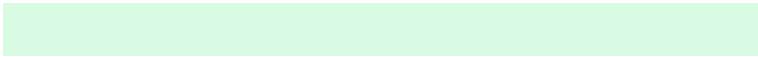
The Inverse Universe completely reimagines the original color for something new.



90, 12.564, 3.570



89, 15.601, 3.897



96, 16.906, 152.700



49, 5.363, 3.166



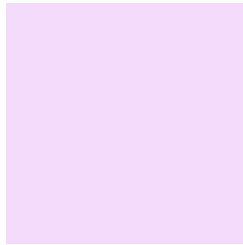
39, 73.580, 28.616



9, 30.933, 17.173

Previews

White Background



This preview shows how the CIELCh color 90, 19.479, 319.017 looks on a white background.

Color Contrast Check

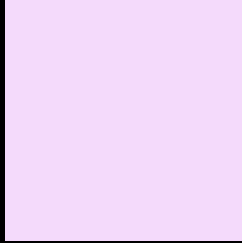
Large Text (above 18pt) WCAG AA × Fail

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 90, 19.479, 319.017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

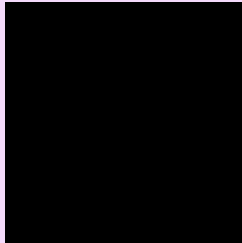
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

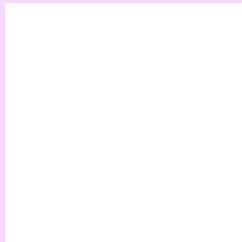
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 19.479, 319.017

Background



This preview shows how black text looks on a background with the CIELCh color 90, 19.479, 319.017.

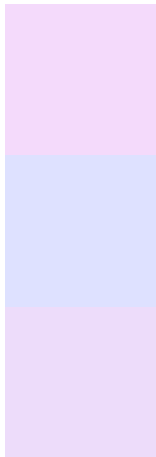


This preview shows how white text looks on a background with the CIELCh color 90, 19.479, 319.017.

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
90, 19.479, 319.017

Protanopia
90, 15.612, 287.728

Deuteranopia
90, 16.762, 311.873



Tritanopia
90, 12.234, 330.433

Trichromacy



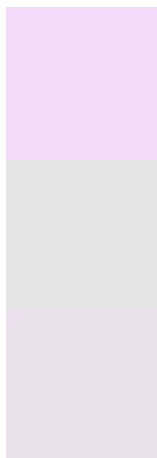
Original Color
90, 19.479, 319.017

Protanomaly
90, 16.928, 300.754

Deuteranomaly
90, 17.782, 315.527

Tritanomaly
90, 15.133, 324.967

Monochromacy



Original Color
90, 19.479, 319.017

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 7.035, 317.479

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 19.479, 319.017 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(244, 218, 251)` looks like.

```
.text, #text, p{  
    color:rgb(244, 218, 251)  
}
```

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(244, 218, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 218, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 19.479, 319.017 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(244, 218, 251) }
```

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

```
.border{ border-color:rgb(244, 218, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 218, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 218, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 218, 251);  
box-shadow:4px 4px 4px 4px rgb(244, 218,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 19.479, 319.017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 218, 251) }
```

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

```
.background{ background-color: rgb(244,  
218, 251) }
```

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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