

Converting Colors

CIELCh(89, 26.619, 323.420)

Have a look what the booklet for
CIELCh(89, 26.619, 323.420)
contains.

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Color

CIELCh(89, 26.421, 323.406)

Conversions

Conversions Part 1

Format	Color
Hex	FBD3FE
RGB	251, 211, 254
RGB Percent	98%, 83%, 100%
CMY	0.0162, 0.1730, 0.0044
CMYK	0.01, 0.17, 0.00, 0.00
HSL	296°, 95%, 91%
HSV	296°, 17%, 100%
XYZ	80.8744, 74.1641, 103.7163
YIQ	227.8620, 10.0370, 21.8530

Conversions

Conversions Part 2

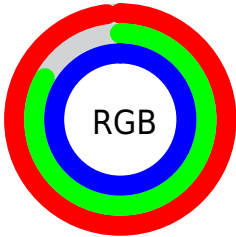
Format	Color
R _Y B	251, 211, 254
Decimal	16503806
CIE Lab	89.00, 21.21, -15.75
CIE LCh	89, 26.421, 323.406
Yxy	74.1641, 0.3126, 0.2866
Android (android.graphics.Color)	4294693886 (0xFFFBD3FE)
YUV	227.8620, 12.8860, 20.2920
Hunter-Lab	86.1186, 16.9227, -11.1224

Details

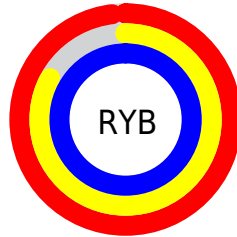
The CIELCh color **89, 26.421, 323.406** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **96, 26.336, 141.592**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **69, 26.433, 323.491** is the 20% darker color. If you saturate the color by 10%, you get **83, 42.098, 323.912**, and if you desaturate by 10%, it is **95, 10.754, 322.881**.

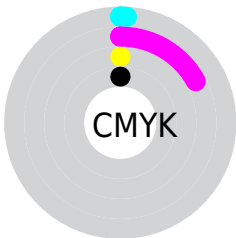
Distribution



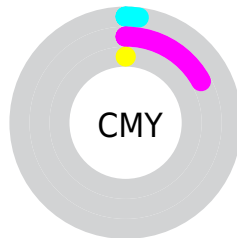
- Red (98%)
- Green (83%)
- Blue (100%)



- Red (98%)
- Yellow (83%)
- Blue (100%)



- Cyan (1%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (2%)
- Magenta (17%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 26.421, 323.406 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, 26.421, 323.406 by changing the saturation by 10% instead.


 89, 26.421,
323.406

 89, 26.421,
323.406

 100, 26.421,
323.406

 79, 26.421,
323.406

 69, 26.421,
323.406

 59, 26.421,
323.406

 49, 26.421,
323.406

 39, 26.421,
323.406

 29, 26.421,
323.406

 19, 26.421,

323.406

■ 9, 26.421, 323.406

■ 0, 26.421, 323.406

■ 89, 26.421,
323.406

■ 89, 26.421,
323.406

■ 83, 42.098,
323.912

■ 95, 10.754,
322.881

■ 77, 57.491,
324.392

100, 0.594,
129.832

■ 72, 72.173,
324.828

100, 0.557,
109.997

■ 68, 85.591,
325.195

■ 64, 97.103,

325.467

■ 61, 106.083,
325.620

■ 59, 112.089,
325.636

■ 57, 115.094,
325.510

■ 57, 115.664,
325.455

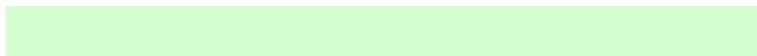
Harmonies

Complementary

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



89, 26.421, 323.406



96, 26.336, 141.592

Rectangle

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



89, 26.421, 323.406



89, 26.421, 13.406



89, 26.421, 143.406



89, 26.421, 193.406

Sweetspot

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



89, 26.418, 323.406



97, 7.772, 322.773



87, 20.676, 288.595



51, 5.305, 322.813



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, 26.418, 323.406



87, 31.347, 323.563



89, 20.188, 340.756



50, 8.864, 323.019



43, 93.464, 325.501



11, 42.970, 325.825

Inverse Universe

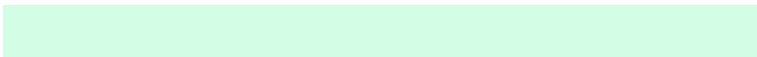
The Inverse Universe completely reimagines the original color for something new.



88, 16.045, 15.039



86, 19.221, 15.370



96, 19.903, 158.049



50, 5.267, 14.304



40, 81.337, 37.348



10, 32.816, 24.362

Previews

White Background



This preview shows how the CIELCh color 89, 26.421, 323.406 looks on a white background.

Color Contrast Check

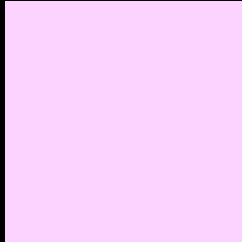
Large Text (above 18pt) WCAG AA × Fail

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, 26.421, 323.406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

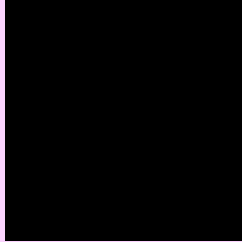
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

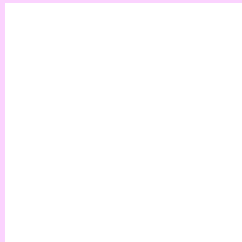
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 26.421, 323.406

Background



This preview shows how black text looks on a background with the CIELCh color 89, 26.421, 323.406.



This preview shows how white text looks on a background with the CIELCh color 89, 26.421, 323.406.

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, 26.421, 323.406

Protanopia
89, 17.226, 287.119

Deuteranopia
89, 18.951, 306.221



Tritanopia
89, 14.817, 343.939

Trichromacy



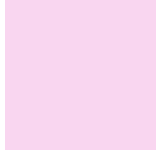
Original Color
89, 26.421, 323.406



Protanomaly
89, 19.804, 303.574



Deuteranomaly
89, 21.573, 314.160

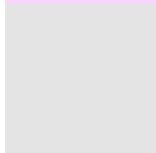


Tritanomaly
89, 18.409, 333.527

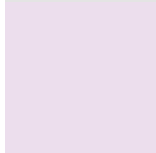
Monochromacy



Original Color
89, 26.421, 323.406



Achromatopsia
91, 0.011, 296.813



Achromatomaly
90, 9.288, 322.933

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 26.421, 323.406 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(251, 211, 254)` looks like.

```
.text, #text, p{  
    color:rgb(251, 211, 254)  
}
```

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(251, 211, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 211, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 26.421, 323.406 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(251, 211, 254) }
```

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

```
.border{ border-color:rgb(251, 211, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 211, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 211, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 211, 254);  
box-shadow:4px 4px 4px 4px rgb(251, 211,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 26.421, 323.406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 211, 254) }
```

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

```
.background{ background-color: rgb(251,  
211, 254) }
```

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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