

Converting Colors

CIELCh(84, 39.374, 323.578)

Have a look what the booklet for
CIELCh(84, 39.374, 323.578)
contains.

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Color

CIELCh(84, 39.312, 323.582)

Conversions

Conversions Part 1

Format	Color
Hex	F9BEFE
RGB	249, 190, 254
RGB Percent	98%, 75%, 100%
CMY	0.0239, 0.2552, 0.0042
CMYK	0.02, 0.25, 0.00, 0.00
HSL	295°, 97%, 87%
HSV	295°, 25%, 100%
XYZ	75.3078, 64.0658, 102.0916
YIQ	214.9370, 14.6200, 32.4120

Conversions

Conversions Part 2

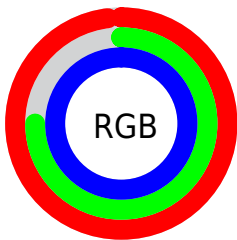
Format	Color
R _Y B	249, 190, 254
Decimal	16367358
CIE Lab	84.00, 31.63, -23.34
CIE LCh	84, 39.312, 323.582
Yxy	64.0658, 0.3119, 0.2653
Android (android.graphics.Color)	4294557438 (0xFFF9BEFE)
YUV	214.9370, 19.2581, 29.8733
Hunter-Lab	80.0411, 27.8724, -19.5950

Details

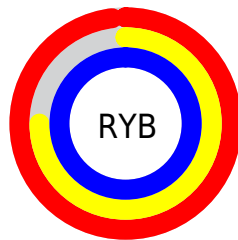
The CIELCh color $84, 39.312, 323.582$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $94, 39.144, 140.798$, and the grayscale version is $86, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 4.981, 324.553$, and $64, 39.243, 323.729$ is the 20% darker color. If you saturate the color by 10%, you get $78, 54.761, 324.064$, and if you desaturate by 10%, it is $90, 23.642, 323.078$.

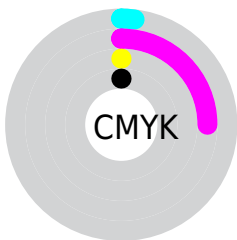
Distribution



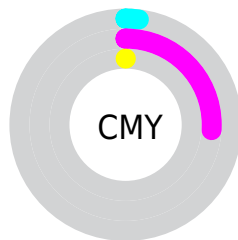
- Red (98%)
- Green (75%)
- Blue (100%)



- Red (98%)
- Yellow (75%)
- Blue (100%)



- Cyan (2%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (2%)
- Magenta (26%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 39.312, 323.582 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 84, 39.312, 323.582 by changing the saturation by 10% instead.


 84, 39.312,
323.582


 84, 39.312,
323.582


 100, 39.312,
323.582


 74, 39.312,
323.582

 64, 39.312,
323.582

 54, 39.312,
323.582

 44, 39.312,
323.582

 34, 39.312,
323.582

 24, 39.312,
323.582

 14, 39.312,

323.582

■ 4, 39.312, 323.582

■ 0, 39.312, 323.582

■ 84, 39.312,
323.582

■ 84, 39.312,
323.582

■ 78, 54.761,
324.064

■ 90, 23.642,
323.078

■ 73, 69.600,
324.504

■ 96, 8.039, 322.550

■ 68, 83.298,
324.879


100, 0.541,
114.870


■ 64, 95.222,
325.162


100, 0.538,
109.994

■ 61, 104.726,

325.326

 59, 111.312,
325.351

 57, 114.845,
325.226

 57, 115.758,
325.128

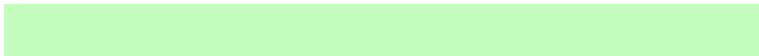
Harmonies

Complementary

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



84, 39.312, 323.582



94, 39.144, 140.798

Rectangle

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



84, 39.312, 323.582



84, 39.312, 13.582



84, 39.312, 143.582



84, 39.312, 193.582

Sweetspot

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



84, 39.309, 323.582



95, 12.429, 322.703



80, 31.263, 289.783



50, 8.842, 322.783



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



84, 39.309, 323.582



82, 46.933, 323.817



84, 30.188, 341.505



50, 8.842, 322.783



43, 93.527, 325.180



11, 42.994, 325.541

Inverse Universe

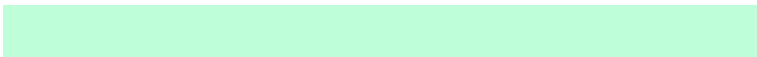
The Inverse Universe completely reimagines the original color for something new.



83, 24.564, 15.329



80, 29.792, 15.966



95, 29.580, 157.252



50, 5.272, 13.631



40, 80.978, 36.990



10, 32.755, 24.019

Previews

White Background



This preview shows how the CIELCh color 84, 39.312, 323.582 looks on a white background.

Color Contrast Check

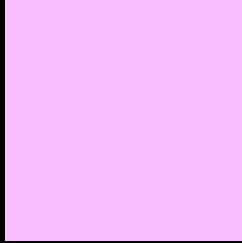
Large Text (above 18pt) WCAG AA × Fail

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 84, 39.312, 323.582 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 84, 39.312, 323.582

Background



This preview shows how black text looks on a background with the CIELCh color 84, 39.312, 323.582.

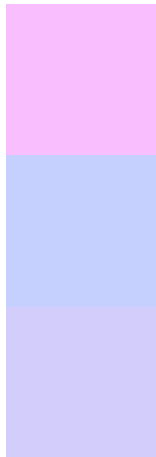


This preview shows how white text looks on a background with the CIELCh color 84, 39.312, 323.582.

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

84, 39.312, 323.582

Protanopia

84, 24.917, 284.792

Deuteranopia

84, 24.388, 296.131



Tritanopia
84, 18.349, 355.533

Trichromacy



Original Color
84, 39.312, 323.582



Protanomaly
84, 29.144, 303.048



Deuteranomaly
84, 28.762, 308.738

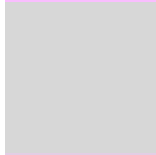


Tritanomaly
84, 24.968, 337.451

Monochromacy



Original Color
84, 39.312, 323.582



Achromatopsia
86, 0.010, 296.813



Achromatomaly
85, 14.282, 322.558

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 39.312, 323.582 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(249, 190, 254)` looks like.

```
.text, #text, p{  
    color:rgb(249, 190, 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(249, 190, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 190, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 39.312, 323.582 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(249, 190, 254) }
```

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

```
.border{ border-color:rgb(249, 190, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 190, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 190, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 190, 254);  
box-shadow:4px 4px 4px 4px rgb(249, 190,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 39.312, 323.582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 190, 254) }
```

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

```
.background{ background-color: rgb(249,  
190, 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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