

Converting Colors

CIELCh(69, 39.917, 339.208)

Have a look what the booklet for
CIELCh(69, 39.917, 339.208)
contains.

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Color

CIELCh(69, 40.374, 339.228)

Conversions

Conversions Part 1

Format	Color
Hex	DF8FC3
RGB	223, 143, 195
RGB Percent	87%, 56%, 76%
CMY	0.1249, 0.4387, 0.2347
CMYK	0.00, 0.36, 0.13, 0.12
HSL	321°, 56%, 72%
HSV	321°, 36%, 88%
XYZ	50.1867, 39.3444, 56.6628
YIQ	172.8480, 30.9880, 33.1320

Conversions

Conversions Part 2

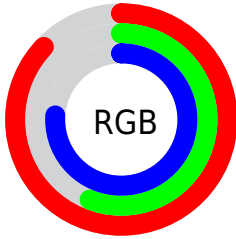
Format	Color
R_{YB}	223, 143, 195
Decimal	14651331
CIE _{Lab}	69.00, 37.75, -14.32
CIE _{LCh}	69, 40.374, 339.228
Yxy	39.3444, 0.3433, 0.2691
Android (android.graphics.Color)	4292841411 (0xFFDF8FC3)
YUV	172.8480, 10.9209, 43.9833
Hunter-Lab	62.7251, 33.0498, -9.6521

Details

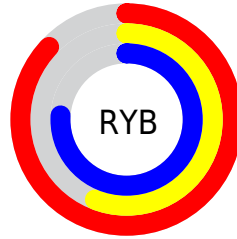
The CIELCh color $69, 40.374, 339.228$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $83, 39.693, 153.233$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $86, 34.502, 327.145$, and $49, 40.099, 339.231$ is the 20% darker color. If you saturate the color by 10%, you get $64, 51.098, 340.200$, and if you desaturate by 10%, it is $74, 29.166, 338.345$.

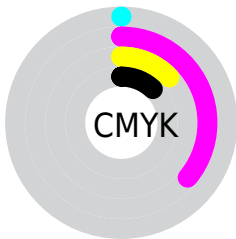
Distribution



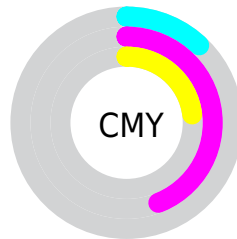
- Red (87%)
- Green (56%)
- Blue (76%)



- Red (87%)
- Yellow (56%)
- Blue (76%)



- Cyan (0%)
- Magenta (36%)
- Yellow (13%)
- Black (12%)



- Cyan (12%)
- Magenta (44%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 40.374, 339.228 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 69, 40.374, 339.228 by changing the saturation by 10% instead.

 69, 40.374,
339.228

 69, 40.374,
339.228

 100, 40.374,
339.228

 59, 40.374,
339.228

 89, 40.374,
339.228

 49, 40.374,
339.228

 99, 40.374,
339.228

 39, 40.374,
339.228

 29, 40.374,
339.228

 19, 40.374,
339.228

 9, 40.374, 339.228

 0, 40.374, 339.228

69, 40.374,
339.228

69, 40.374,
339.228

64, 51.098,
340.200

74, 29.166,
338.345

60, 60.900,
341.290

80, 17.809,
337.528

56, 69.234,
342.545

85, 6.523, 336.741

53, 75.540,
344.030

91, 4.554, 156.186

51, 79.392,
345.835

97, 15.343,
155.473

50, 80.702,
348.065

97, 12.962,
167.840

49, 80.815,
349.085

98, 11.246,
185.119

98, 10.778,
198.787

Harmonies

Complementary

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



69, 40.374, 339.228



83, 39.693, 153.233

Rectangle

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



69, 40.374, 339.228



69, 40.374, 29.228



69, 40.374, 159.228



69, 40.374, 209.228

Sweetspot

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



69, 40.371, 339.229



93, 13.721, 337.154



65, 45.607, 305.965



49, 9.229, 337.261



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 40.371, 339.229



74, 53.587, 339.944



68, 32.475, 11.310



44, 6.377, 337.027



39, 67.875, 348.641



7, 28.490, 344.382

Inverse Universe

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



69, 40.371, 339.229



74, 53.587, 339.944



84, 27.212, 183.981



44, 6.377, 337.027



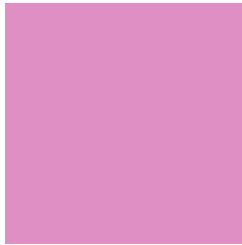
39, 67.875, 348.641



7, 28.490, 344.382

Previews

White Background



This preview shows how the CIELCh color 69, 40.374, 339.228 looks on a white background.

Color Contrast Check

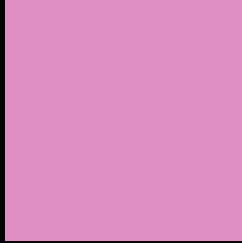
Large Text (above 18pt) WCAG AA × Fail

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 69, 40.374, 339.228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

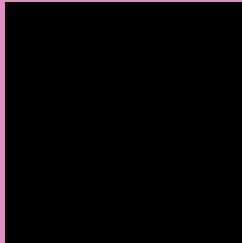
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 40.374, 339.228

Background



This preview shows how black text looks on a background with the CIELCh color 69, 40.374, 339.228.



This preview shows how white text looks on a background with the CIELCh color 69, 40.374, 339.228.

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





Tritanopia
69, 27.850, 9.903

Trichromacy



Original Color
69, 40.374, 339.228



Protanomaly
69, 27.333, 310.508



Deuteranomaly
69, 24.447, 325.474

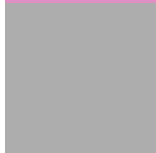


Tritanomaly
69, 31.012, 356.760

Monochromacy



Original Color
69, 40.374, 339.228



Achromatopsia
71, 0.009, 296.813



Achromatomaly
70, 15.078, 337.231

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 40.374, 339.228 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(223, 143, 195)` looks like.

```
.text, #text, p{  
    color:rgb(223, 143, 195)  
}
```

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(223, 143, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 143, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 40.374, 339.228 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(223, 143, 195) }
```

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

```
.border{ border-color:rgb(223, 143, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 143, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 143, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 143, 195);  
box-shadow:4px 4px 4px 4px rgb(223, 143,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 40.374, 339.228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 143, 195) }
```

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

```
.background{ background-color: rgb(223,  
143, 195) }
```

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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