

Converting Colors

CIELCh(70, 38.292, 328.336)

Have a look what the booklet for
CIELCh(70, 38.292, 328.336)
contains.

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Color

CIELCh(70, 38.049, 328.358)

Conversions

Conversions Part 1

Format	Color
Hex	D597D0
RGB	213, 151, 208
RGB Percent	84%, 59%, 82%
CMY	0.1654, 0.4084, 0.1850
CMYK	0.00, 0.29, 0.02, 0.17
HSL	305°, 42%, 71%
HSV	305°, 29%, 83%
XYZ	49.7978, 40.7494, 64.8086
YIQ	176.0360, 18.6550, 30.8710

Conversions

Conversions Part 2

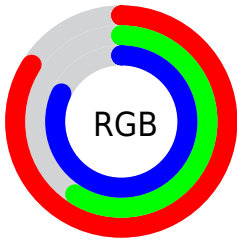
Format	Color
R_{YB}	213, 151, 208
Decimal	13998032
CIE _{Lab}	70.00, 32.39, -19.96
CIE _{LCh}	70, 38.049, 328.358
Yxy	40.7494, 0.3205, 0.2623
Android (android.graphics.Color)	4292188112 (0xFFD597D0)
YUV	176.0360, 15.7583, 32.4174
Hunter-Lab	63.8353, 27.5358, -15.5093

Details

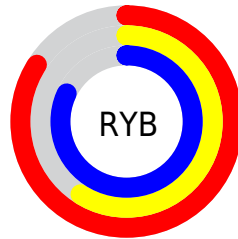
The CIELCh color **70, 38.049, 328.358** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **80, 38.020, 144.619**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 30.725, 325.494**, and **50, 38.242, 327.874** is the 20% darker color. If you saturate the color by 10%, you get **65, 50.729, 328.929**, and if you desaturate by 10%, it is **75, 24.998, 327.777**.

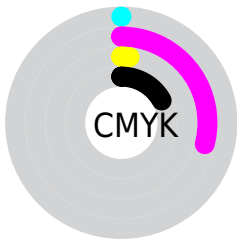
Distribution



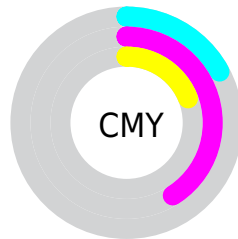
- Red (84%)
- Green (59%)
- Blue (82%)



- Red (84%)
- Yellow (59%)
- Blue (82%)



- Cyan (0%)
- Magenta (29%)
- Yellow (2%)
- Black (17%)





- Cyan (17%)
- Magenta (41%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 38.049, 328.358 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 70, 38.049, 328.358 by changing the saturation by 10% instead.


 70, 38.049,
328.358


 70, 38.049,
328.358


 100, 38.049,
328.358


 60, 38.049,
328.358


 90, 38.049,
328.358

 50, 38.049,
328.358

 40, 38.049,
328.358

 30, 38.049,
328.358

 20, 38.049,
328.358

 10, 38.049,
328.358

 0, 38.049, 328.358

70, 38.049,
328.358

70, 38.049,
328.358

65, 50.729,
328.929

75, 24.998,
327.777

61, 62.648,
329.479

80, 11.875,
327.188

57, 73.311,
330.000

86, 1.121, 146.904

54, 82.179,
330.484

91, 13.864,
146.115

52, 88.766,
330.928

96, 24.900,
145.756

50, 92.788,
331.338

96, 24.195,
146.979


50, 94.486,
331.727

96, 23.499,
148.271

50, 94.597,

96, 22.815,
149.637

331.761

 96, 22.142,
151.084

Harmonies

Complementary

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



70, 38.049, 328.358



80, 38.020, 144.619

Rectangle

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



70, 38.049, 328.358



70, 38.049, 18.358



70, 38.049, 148.358



70, 38.049, 198.358

Sweetspot

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



70, 38.047, 328.358



94, 13.564, 327.186



65, 34.593, 295.935



49, 9.434, 327.274



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 38.047, 328.358



79, 52.748, 328.716



69, 27.631, 350.305



42, 7.427, 327.206



40, 80.388, 331.704



6, 31.073, 330.834

Inverse Universe

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



70, 38.047, 328.358



79, 52.748, 328.716



81, 26.295, 164.618



42, 7.427, 327.206



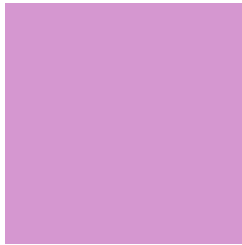
40, 80.388, 331.704



6, 31.073, 330.834

Previews

White Background



This preview shows how the CIELCh color 70, 38.049, 328.358 looks on a white background.

Color Contrast Check

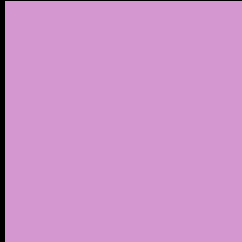
Large Text (above 18pt) WCAG AA × Fail

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 70, 38.049, 328.358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

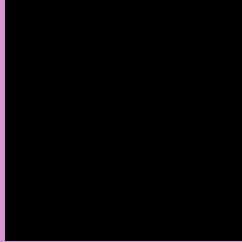
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 38.049, 328.358

Background



This preview shows how black text looks on a background with the CIELCh color 70, 38.049, 328.358.



This preview shows how white text looks on a background with the CIELCh color 70, 38.049, 328.358.

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
70, 38.049, 328.358

Protanopia
70, 28.063, 284.936

Deuteranopia
70, 20.358, 296.058



Tritanopia
70, 20.406, 2.791

Trichromacy



Original Color
70, 38.049, 328.358



Protanomaly
70, 29.637, 302.828



Deuteranomaly
70, 25.794, 312.353



Tritanomaly
70, 25.942, 344.513

Monochromacy



Original Color
70, 38.049, 328.358



Achromatopsia
72, 0.009, 296.813



Achromatomaly
71, 14.112, 326.308

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 38.049, 328.358 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(213, 151, 208)` looks like.

```
.text, #text, p{  
    color:rgb(213, 151, 208)  
}
```

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(213, 151, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 151, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 38.049, 328.358 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(213, 151, 208) }
```

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

```
.border{ border-color:rgb(213, 151, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 151, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 151, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 151, 208);  
box-shadow:4px 4px 4px 4px rgb(213, 151,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 38.049, 328.358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 151, 208) }
```

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

```
.background{ background-color: rgb(213,  
151, 208) }
```

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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