

Converting Colors

CIELCh(68, 38.589, 335.858)

Have a look what the booklet for
CIELCh(68, 38.589, 335.858)
contains.

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Color

CIELCh(68, 38.456, 335.788)

Conversions

Conversions Part 1

Format	Color
Hex	D78FC3
RGB	215, 143, 195
RGB Percent	84%, 56%, 76%
CMY	0.1574, 0.4397, 0.2358
CMYK	0.00, 0.34, 0.09, 0.16
HSL	317°, 47%, 70%
HSV	317°, 34%, 84%
XYZ	47.6284, 37.9720, 56.3765
YIQ	170.4560, 26.2200, 31.4360

Conversions

Conversions Part 2

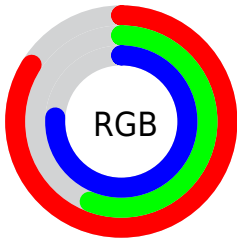
Format	Color
R _Y B	215, 143, 195
Decimal	14127043
CIE Lab	68.00, 35.07, -15.77
CIE LCh	68, 38.456, 335.788
Yxy	37.9720, 0.3355, 0.2675
Android (android.graphics.Color)	4292317123 (0xFFD78FC3)
YUV	170.4560, 12.1002, 39.0651
Hunter-Lab	61.6215, 30.1286, -11.1085

Details

The CIELCh color $68, 38.456, 335.788$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $80, 38.100, 150.654$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $86, 34.502, 327.145$, and $48, 38.475, 335.906$ is the 20% darker color. If you saturate the color by 10%, you get $63, 49.467, 336.606$, and if you desaturate by 10%, it is $73, 27.015, 335.021$.

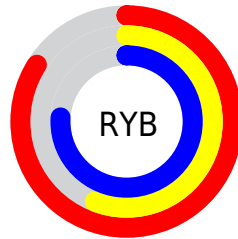
Distribution



Red (84%)

Green (56%)

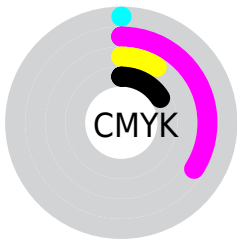
Blue (76%)



Red (84%)

Yellow (56%)

Blue (76%)

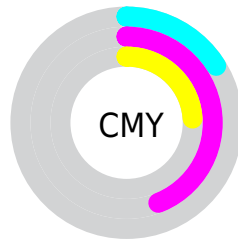


Cyan (0%)

Magenta (34%)

Yellow (9%)

Black (16%)



Cyan (16%)

Magenta (44%)

Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 38.456, 335.788 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 68, 38.456, 335.788 by changing the saturation by 10% instead.

 68, 38.456,
335.788

 68, 38.456,
335.788


 100, 38.456,
335.788

 58, 38.456,
335.788


 88, 38.456,
335.788

 48, 38.456,
335.788

 98, 38.456,
335.788

 38, 38.456,
335.788

 28, 38.456,
335.788

 18, 38.456,
335.788

 8, 38.456, 335.788

 0, 38.456, 335.788

68, 38.456,
335.788

68, 38.456,
335.788

63, 49.467,
336.606

73, 27.015,
335.021

59, 59.639,
337.489

78, 15.456,
334.292

55, 68.455,
338.461

84, 3.981, 333.546

52, 75.364,
339.558

90, 7.280, 153.040

50, 79.904,
340.833

95, 18.255,
152.404


49, 81.886,
342.356

97, 18.878,
157.121

48, 82.153,
343.473

97, 16.895,
164.644

97, 15.251,
173.923

 97, 14.068,
185.051

Harmonies

Complementary

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



68, 38.456, 335.788



80, 38.100, 150.654

Rectangle

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



68, 38.456, 335.788



68, 38.456, 25.788



68, 38.456, 155.788



68, 38.456, 205.788

Sweetspot

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



68, 38.453, 335.789



94, 13.122, 334.048



64, 40.873, 303.035



49, 8.962, 334.150



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



68, 38.453, 335.789



76, 52.467, 336.346



67, 29.666, 4.634



42, 6.462, 333.999



38, 69.450, 343.164



6, 26.883, 339.847

Inverse Universe

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



68, 38.453, 335.789



76, 52.467, 336.346



81, 26.139, 177.491



42, 6.462, 333.999



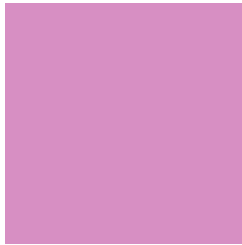
38, 69.450, 343.164



6, 26.883, 339.847

Previews

White Background



This preview shows how the CIELCh color 68, 38.456, 335.788 looks on a white background.

Color Contrast Check

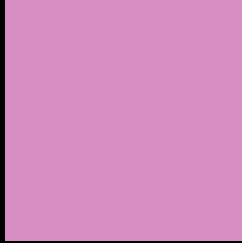
Large Text (above 18pt) WCAG AA × Fail

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 68, 38.456, 335.788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

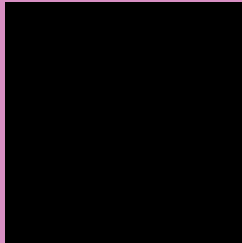
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 38.456, 335.788

Background



This preview shows how black text looks on a background with the CIELCh color 68, 38.456, 335.788.



This preview shows how white text looks on a background with the CIELCh color 68, 38.456, 335.788.

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](#).

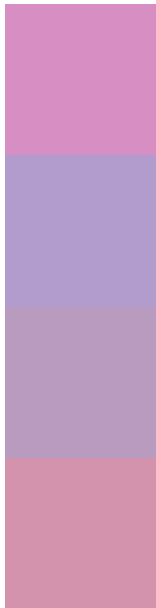
Dichromacy





Tritanopia
68, 25.213, 6.989

Trichromacy



Original Color
68, 38.456, 335.788

Protanomaly
68, 28.151, 307.783

Deuteranomaly
68, 23.375, 320.798

Tritanomaly
68, 28.523, 352.599

Monochromacy



Original Color
68, 38.456, 335.788

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 14.319, 333.977

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 38.456, 335.788 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(215, 143, 195)` looks like.

```
.text, #text, p{  
    color:rgb(215, 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(215, 143, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 143, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 38.456, 335.788 is called "border". The border property can be set on classes, ids or directly on the HTML element.

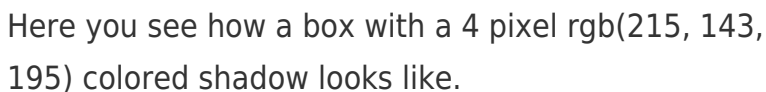
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 143, 195) }
```

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

```
.border{ border-color:rgb(215, 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(215, 143, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 143, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 143, 195); box-shadow:4px 4px 4px 4px rgb(215, 143, 195) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 38.456, 335.788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 143, 195) }
```

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

```
.background{ background-color: rgb(215,  
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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