

Converting Colors

CIELCh(67, 38.614, 357.967)

Have a look what the booklet for
CIELCh(67, 38.614, 357.967)
contains.

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Color

CIELCh(67, 38.616, 357.972)

Conversions

Conversions Part 1

Format	Color
Hex	E388A7
RGB	227, 136, 167
RGB Percent	89%, 53%, 65%
CMY	0.1106, 0.4674, 0.3459
CMYK	0.00, 0.40, 0.26, 0.11
HSL	340°, 62%, 71%
HSV	340°, 40%, 89%
XYZ	47.3442, 36.6320, 41.0396
YIQ	166.7430, 44.2850, 28.9330

Conversions

Conversions Part 2

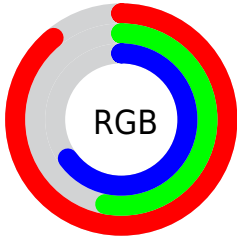
Format	Color
R _Y B	227, 136, 167
Decimal	14911655
CIE Lab	67.00, 38.59, -1.37
CIE LCh	67, 38.616, 357.972
Yxy	36.6320, 0.3787, 0.2930
Android (android.graphics.Color)	4293101735 (0xFFE388A7)
YUV	166.7430, 0.1267, 52.8454
Hunter-Lab	60.5244, 33.7110, 2.1644

Details

The CIELCh color $67, 38.616, 357.972$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $84, 34.849, 169.018$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 28.328, 346.830$, and $47, 38.738, 358.272$ is the 20% darker color. If you saturate the color by 10%, you get $62, 48.200, 359.782$, and if you desaturate by 10%, it is $72, 28.769, 356.480$.

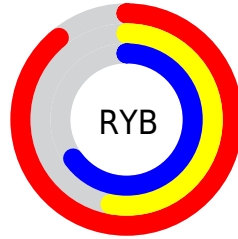
Distribution



Red (89%)

Green (53%)

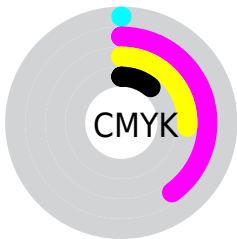
Blue (65%)



Red (89%)

Yellow (53%)

Blue (65%)

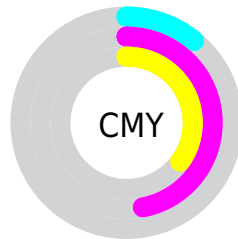


Cyan (0%)

Magenta (40%)

Yellow (26%)

Black (11%)



Cyan (11%)


Magenta (47%)


Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 38.616, 357.972 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 67, 38.616, 357.972 by changing the saturation by 10% instead.

 67, 38.616,
357.972


 67, 38.616,
357.972


 100, 38.616,
357.972


 57, 38.616,
357.972


 87, 38.616,
357.972

 47, 38.616,
357.972


 97, 38.616,
357.972

 37, 38.616,
357.972

 27, 38.616,
357.972

 17, 38.616,
357.972

 7, 38.616, 357.972

 0, 38.616, 357.972

67, 38.616,
357.972

67, 38.616,
357.972

62, 48.200,
359.782

72, 28.769,
356.480

58, 57.129, 2.021

78, 18.959,
355.215

54, 64.931, 4.843

84, 9.372, 354.106

51, 71.197, 8.430

90, 0.110, 348.595

49, 75.780, 12.933

96, 8.777, 172.435

48, 79.139, 18.173

98, 9.585, 198.869

Harmonies

Complementary

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



67, 38.616, 357.972



84, 34.849, 169.018

Rectangle

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



67, 38.616, 357.972



67, 38.616, 47.972



67, 38.616, 177.972



67, 38.616, 227.972

Sweetspot

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



67, 38.613, 357.974



92, 12.271, 354.316



66, 53.913, 315.871



48, 8.159, 354.458



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



67, 38.613, 357.974



70, 50.817, 359.428



69, 33.529, 34.915



44, 5.210, 354.035



37, 65.194, 17.135



6, 25.454, 5.412

Inverse Universe

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



67, 38.613, 357.974



70, 50.817, 359.428



81, 24.859, 214.945



44, 5.210, 354.035



37, 65.194, 17.135



6, 25.454, 5.412

Previews

White Background



This preview shows how the CIELCh color 67, 38.616, 357.972 looks on a white background.

Color Contrast Check

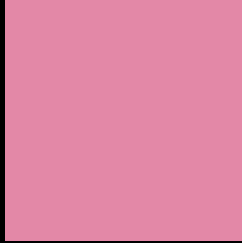
Large Text (above 18pt) WCAG AA × Fail

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 67, 38.616, 357.972 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 67, 38.616, 357.972

Background



This preview shows how black text looks on a background with the CIELCh color 67, 38.616, 357.972.



This preview shows how white text looks on a background with the CIELCh color 67, 38.616, 357.972.

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
67, 38.616, 357.972

Protanopia
67, 11.607, 289.599

Deuteranopia
67, 8.567, 1.459



Tritanopia
67, 35.023, 14.286

Trichromacy



Original Color
67, 38.616, 357.972

Protanomaly
66, 18.576, 333.202

Deuteranomaly
67, 19.422, 358.089

Tritanomaly
67, 35.991, 8.561

Monochromacy



Original Color
67, 38.616, 357.972

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 14.075, 355.381

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 38.616, 357.972 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(227, 136, 167)` looks like.

```
.text, #text, p{  
    color:rgb(227, 136, 167)  
}
```

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(227, 136, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 136, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 38.616, 357.972 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(227, 136, 167) }
```

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

```
.border{ border-color:rgb(227, 136, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 136, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 136, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 136, 167);  
box-shadow:4px 4px 4px 4px rgb(227, 136,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 38.616, 357.972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 136, 167) }
```

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

```
.background{ background-color: rgb(227,  
136, 167) }
```

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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