

Converting Colors

CIELCh(72, 36.278, 357.429)

Have a look what the booklet for
CIELCh(72, 36.278, 357.429)
contains.

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Color

CIELCh(72, 36.585, 357.141)

Conversions

Conversions Part 1

Format	Color
Hex	EE97B5
RGB	238, 151, 181
RGB Percent	93%, 59%, 71%
CMY	0.0666, 0.4077, 0.2901
CMYK	0.00, 0.37, 0.24, 0.07
HSL	339°, 72%, 76%
HSV	339°, 37%, 93%
XYZ	54.6812, 43.6590, 49.2732
YIQ	180.4330, 42.2220, 27.7740

Conversions

Conversions Part 2

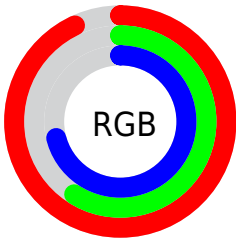
Format	Color
R _Y B	238, 151, 181
Decimal	15636405
CIE Lab	72.00, 36.54, -1.82
CIE LCh	72, 36.585, 357.141
Yxy	43.6590, 0.3704, 0.2958
Android (android.graphics.Color)	4293826485 (0xFFEE97B5)
YUV	180.4330, 0.2795, 50.4863
Hunter-Lab	66.0750, 32.0887, 2.0390

Details

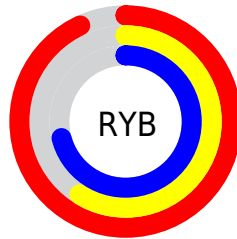
The CIELCh color **72, 36.585, 357.141** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **88, 33.363, 169.175**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 23.816, 338.597**, and **52, 36.695, 357.026** is the 20% darker color. If you saturate the color by 10%, you get **67, 46.690, 358.828**, and if you desaturate by 10%, it is **78, 26.318, 355.739**.

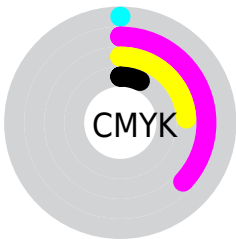
Distribution



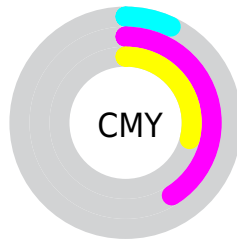
- Red (93%)
- Green (59%)
- Blue (71%)



- Red (93%)
- Yellow (59%)
- Blue (71%)



- Cyan (0%)
- Magenta (37%)
- Yellow (24%)
- Black (7%)





- Cyan (7%)
- Magenta (41%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 36.585, 357.141 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 72, 36.585, 357.141 by changing the saturation by 10% instead.


 72, 36.585,
357.141


 72, 36.585,
357.141


 100, 36.585,
357.141


 62, 36.585,
357.141


 92, 36.585,
357.141

 52, 36.585,
357.141

 42, 36.585,
357.141

 32, 36.585,
357.141

 22, 36.585,
357.141

 12, 36.585,
357.141

 2, 36.585, 357.141

0, 36.585, 357.141

72, 36.585,
357.141

72, 36.585,
357.141

67, 46.690,
358.828

78, 26.318,
355.739

62, 56.257, 0.898

84, 16.164,
354.537

58, 64.806, 3.495

90, 6.284, 353.457

54, 71.865, 6.793

96, 3.235, 172.797

52, 77.160, 10.967

99, 5.832, 199.150

51, 80.842, 16.091

50, 82.007, 17.956

Harmonies

Complementary

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



72, 36.585, 357.141



88, 33.363, 169.175

Rectangle

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



72, 36.585, 357.141



72, 36.585, 47.141



72, 36.585, 177.141



72, 36.585, 227.141

Sweetspot

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



72, 36.582, 357.143



93, 11.253, 353.936



71, 51.036, 315.722



48, 7.579, 354.082



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 36.582, 357.143



72, 46.683, 358.395



74, 31.323, 34.701



47, 5.513, 353.770



39, 67.237, 16.940



8, 28.757, 7.430

Inverse Universe

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



72, 36.582, 357.143



72, 46.683, 358.395



85, 23.931, 214.743



47, 5.513, 353.770



39, 67.237, 16.940



8, 28.757, 7.430

Previews

White Background



This preview shows how the CIELCh color 72, 36.585, 357.141 looks on a white background.

Color Contrast Check

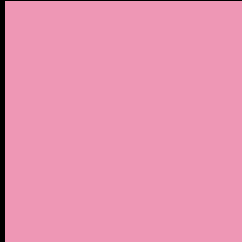
Large Text (above 18pt) WCAG AA × Fail

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 72, 36.585, 357.141 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 72, 36.585, 357.141

Background



This preview shows how black text looks on a background with the CIELCh color 72, 36.585, 357.141.

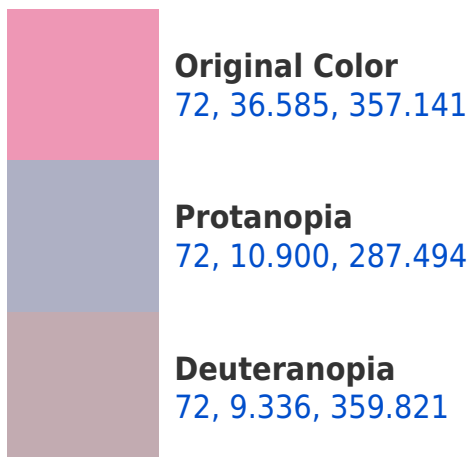


This preview shows how white text looks on a background with the CIELCh color 72, 36.585, 357.141.

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
72, 32.832, 12.360

Trichromacy



Original Color
72, 36.585, 357.141



Protanomaly
72, 17.178, 331.462



Deuteranomaly
72, 19.127, 357.908

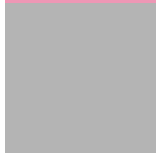


Tritanomaly
72, 33.966, 6.395

Monochromacy



Original Color
72, 36.585, 357.141



Achromatopsia
73, 0.009, 296.813



Achromatomaly
72, 13.530, 354.518

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 36.585, 357.141 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(238, 151, 181)` looks like.

```
.text, #text, p{  
    color:rgb(238, 151, 181)  
}
```

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(238, 151, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 151, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 36.585, 357.141 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(238, 151, 181) }
```

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

```
.border{ border-color:rgb(238, 151, 181) }
```

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

Here you see how a box with a 4 pixel rgb(238, 151, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 151, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 151, 181);  
box-shadow:4px 4px 4px 4px rgb(238, 151,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 36.585, 357.141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 151, 181) }
```

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

```
.background{ background-color: rgb(238,  
151, 181) }
```

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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