

Converting Colors

CIELCh(72, 42.660, 343.775)

Have a look what the booklet for
CIELCh(72, 42.660, 343.775)
contains.

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Color

CIELCh(72, 42.756, 344.013)

Conversions

Conversions Part 1

Format	Color
Hex	EF94C7
RGB	239, 148, 199
RGB Percent	94%, 58%, 78%
CMY	0.0627, 0.4195, 0.2196
CMYK	0.00, 0.38, 0.17, 0.06
HSL	326°, 74%, 76%
HSV	326°, 38%, 94%
XYZ	56.5010, 43.6590, 59.4871
YIQ	181.0230, 37.8650, 35.1530

Conversions

Conversions Part 2

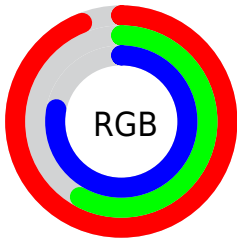
Format	Color
R_{YB}	239, 148, 199
Decimal	15701191
CIE _{Lab}	72.00, 41.10, -11.78
CIE _{LCh}	72, 42.756, 344.013
Yxy	43.6590, 0.3539, 0.2735
Android (android.graphics.Color)	4293891271 (0xFFEF94C7)
YUV	181.0230, 8.8627, 50.8458
Hunter-Lab	66.0750, 37.0048, -7.1262

Details

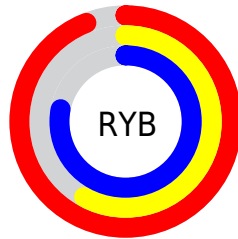
The CIELCh color **72, 42.756, 344.013** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **88, 41.398, 156.914**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 32.611, 325.559**, and **52, 42.739, 343.880** is the 20% darker color. If you saturate the color by 10%, you get **67, 53.421, 345.224**, and if you desaturate by 10%, it is **78, 31.566, 342.953**.

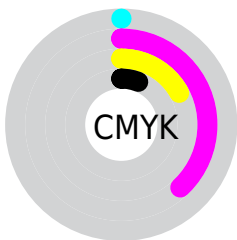
Distribution



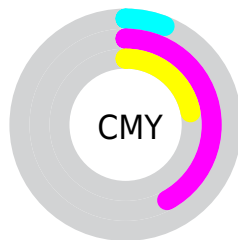
- Red (94%)
- Green (58%)
- Blue (78%)



- Red (94%)
- Yellow (58%)
- Blue (78%)



- Cyan (0%)
- Magenta (38%)
- Yellow (17%)
- Black (6%)





- Cyan (6%)
- Magenta (42%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 42.756, 344.013 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, 42.756, 344.013 by changing the saturation by 10% instead.


 72, 42.756,
344.013


 72, 42.756,
344.013


 100, 42.756,
344.013


 62, 42.756,
344.013


 92, 42.756,
344.013

 52, 42.756,
344.013

 42, 42.756,
344.013

 32, 42.756,
344.013

 22, 42.756,
344.013

 12, 42.756,
344.013

 2, 42.756, 344.013

0, 42.756, 344.013

72, 42.756,
344.013

72, 42.756,
344.013

67, 53.421,
345.224

78, 31.566,
342.953

62, 63.088,
346.638

83, 20.217,
342.002

58, 71.177,
348.338

89, 8.945, 341.122

55, 77.123,
350.435

96, 2.100, 160.600

53, 80.562,
353.069

99, 5.829, 181.561

52, 81.631,
356.361

99, 5.498, 199.177

■ 52, 81.735,
357.040

Harmonies

Complementary

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



72, 42.756, 344.013



88, 41.398, 156.914

Rectangle

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



72, 42.756, 344.013



72, 42.756, 34.013



72, 42.756, 164.013



72, 42.756, 214.013

Sweetspot

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



72, 42.753, 344.014



93, 12.887, 341.380



68, 51.801, 308.831



49, 8.671, 341.498



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, 42.753, 344.014



72, 54.028, 344.979



71, 36.768, 18.058



47, 6.321, 341.244



40, 67.235, 356.374



9, 30.111, 351.059

Inverse Universe

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



72, 42.753, 344.014



72, 54.028, 344.979



89, 29.063, 191.219



47, 6.321, 341.244



40, 67.235, 356.374



9, 30.111, 351.059

Previews

White Background



This preview shows how the CIELCh color 72, 42.756, 344.013 looks on a white background.

Color Contrast Check

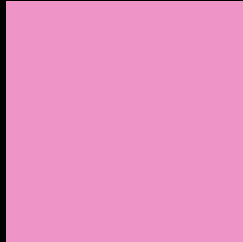
Large Text (above 18pt) WCAG AA × Fail

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, 42.756, 344.013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

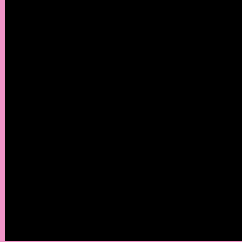
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 42.756, 344.013

Background



This preview shows how black text looks on a background with the CIELCh color 72, 42.756, 344.013.

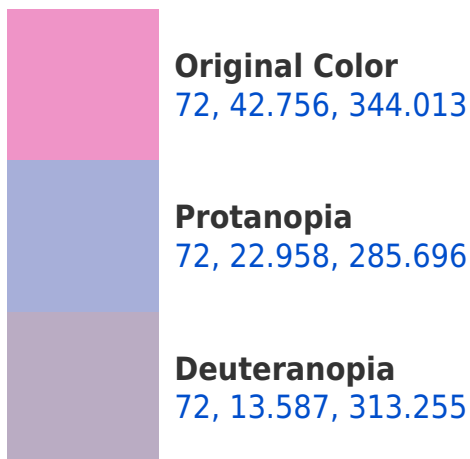


This preview shows how white text looks on a background with the CIELCh color 72, 42.756, 344.013.

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, 32.461, 11.244

Trichromacy



Original Color
72, 42.756, 344.013



Protanomaly
71, 26.582, 314.135



Deuteranomaly
72, 23.679, 332.333

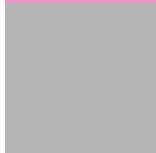


Tritanomaly
72, 34.889, 359.458

Monochromacy



Original Color
72, 42.756, 344.013



Achromatopsia
74, 0.009, 296.813



Achromatomaly
73, 16.084, 341.059

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 42.756, 344.013 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(239, 148, 199)` looks like.

```
.text, #text, p{  
    color:rgb(239, 148, 199)  
}
```

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(239, 148, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 148, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 42.756, 344.013 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(239, 148, 199) }
```

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

```
.border{ border-color:rgb(239, 148, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 148, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 148, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 148, 199);  
box-shadow:4px 4px 4px 4px rgb(239, 148,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 42.756, 344.013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 148, 199) }
```

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

```
.background{ background-color: rgb(239,  
148, 199) }
```

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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