

Converting Colors

CIELCh(72, 51.890, 347.929)

Have a look what the booklet for
CIELCh(72, 51.890, 347.929)
contains.

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Color

CIELCh(72, 51.924, 347.916)

Conversions

Conversions Part 1

Format	Color
Hex	FF8BC6
RGB	255, 139, 198
RGB Percent	100%, 55%, 78%
CMY	0.0011, 0.4559, 0.2246
CMYK	0.00, 0.46, 0.22, 0.00
HSL	329°, 100%, 77%
HSV	329°, 46%, 100%
XYZ	60.4906, 43.6590, 58.5040
YIQ	180.4100, 50.1970, 42.9410

Conversions

Conversions Part 2

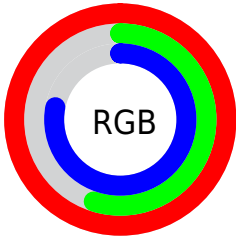
Format	Color
R _{YB}	255, 139, 198
Decimal	16747462
CIE _{Lab}	72.00, 50.77, -10.87
CIE _{LCh}	72, 51.924, 347.916
Yxy	43.6590, 0.3719, 0.2684
Android (android.graphics.Color)	4294937542 (0xFFFF8BC6)
YUV	180.4100, 8.6719, 65.4154
Hunter-Lab	66.0750, 47.7826, -6.2439

Details

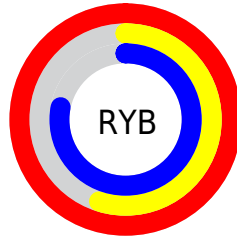
The CIELCh color $72, 51.924, 347.916$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $92, 49.424, 158.479$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $86, 37.631, 325.731$, and $52, 51.874, 348.061$ is the 20% darker color. If you saturate the color by 10%, you get $67, 62.227, 349.447$, and if you desaturate by 10%, it is $78, 40.766, 346.623$.

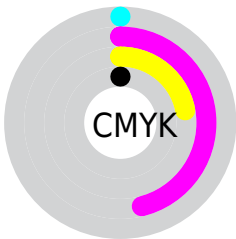
Distribution



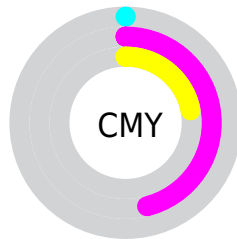
- Red (100%)
- Green (55%)
- Blue (78%)



- Red (100%)
- Yellow (55%)
- Blue (78%)



- Cyan (0%)
- Magenta (46%)
- Yellow (22%)
- Black (0%)





- Cyan (0%)
- Magenta (46%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 51.924, 347.916 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, 51.924, 347.916 by changing the saturation by 10% instead.


 72, 51.924,
347.916


 72, 51.924,
347.916


 100, 51.924,
347.916


 62, 51.924,
347.916


 92, 51.924,
347.916

 52, 51.924,
347.916

 42, 51.924,
347.916

 32, 51.924,
347.916

 22, 51.924,
347.916

 12, 51.924,
347.916

 2, 51.924, 347.916

0, 51.924, 347.916

72, 51.924,
347.916

72, 51.924,
347.916

67, 62.227,
349.447

78, 40.766,
346.623

63, 71.107,
351.303

84, 29.228,
345.499

59, 77.961,
353.614

90, 17.637,
344.500

57, 82.356,
356.539

96, 6.209, 343.564

55, 84.280, 0.236

100, 0.100,
206.060

55, 84.662, 2.097

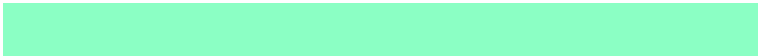
Harmonies

Complementary

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



72, 51.924, 347.916



92, 49.424, 158.479

Rectangle

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



72, 51.924, 347.916



72, 51.924, 37.916



72, 51.924, 167.916



72, 51.924, 217.916

Sweetspot

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



72, 51.921, 347.917



91, 15.889, 344.356



67, 66.005, 310.876



47, 10.994, 344.560



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, 51.921, 347.917



67, 61.768, 349.359



71, 47.808, 23.143



50, 6.420, 343.938



41, 68.347, 1.288



10, 31.953, 355.824

Inverse Universe

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



72, 51.921, 347.917



67, 61.768, 349.359



93, 34.655, 195.614



50, 6.420, 343.938



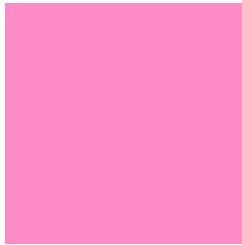
41, 68.347, 1.288



10, 31.953, 355.824

Previews

White Background



This preview shows how the CIELCh color 72, 51.924, 347.916 looks on a white background.

Color Contrast Check

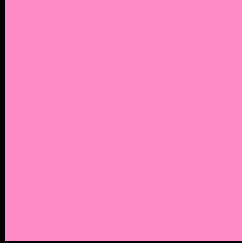
Large Text (above 18pt) WCAG AA × Fail

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, 51.924, 347.916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

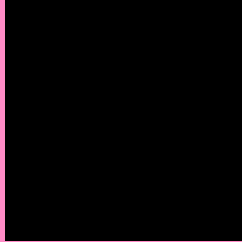
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 51.924, 347.916

Background



This preview shows how black text looks on a background with the CIELCh color 72, 51.924, 347.916.

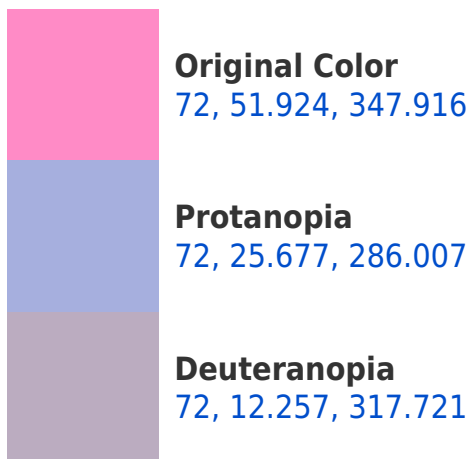


This preview shows how white text looks on a background with the CIELCh color 72, 51.924, 347.916.

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, 41.883, 16.435

Trichromacy



Original Color
72, 51.924, 347.916



Protanomaly
71, 30.674, 316.938



Deuteranomaly
72, 26.606, 338.050



Tritanomaly
72, 43.963, 4.373

Monochromacy



Original Color
72, 51.924, 347.916



Achromatopsia
73, 0.009, 296.813



Achromatomaly
72, 19.448, 345.420

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 51.924, 347.916 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(255, 139, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 139, 198)  
}
```

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(255, 139, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 139, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 51.924, 347.916 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(255, 139, 198) }
```

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

```
.border{ border-color:rgb(255, 139, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 139, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 139, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 139, 198);  
box-shadow:4px 4px 4px 4px rgb(255, 139,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 51.924, 347.916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 139, 198) }
```

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

```
.background{ background-color: rgb(255,  
139, 198) }
```

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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