

Converting Colors

CIELCh(70, 51.242, 356.564)

Have a look what the booklet for
CIELCh(70, 51.242, 356.564)
contains.

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Color

CIELCh(70, 51.312, 356.865)

Conversions

Conversions Part 1

Format	Color
Hex	FE84B2
RGB	254, 132, 178
RGB Percent	100%, 52%, 70%
CMY	0.0042, 0.4826, 0.3022
CMYK	0.00, 0.48, 0.30, 0.00
HSL	337°, 98%, 76%
HSV	337°, 48%, 100%
XYZ	57.1128, 40.7494, 46.9363
YIQ	173.7220, 57.9460, 40.1700

Conversions

Conversions Part 2

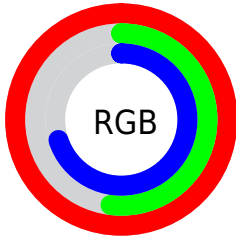
Format	Color
R_{YB}	254, 132, 178
Decimal	16680114
CIE _{Lab}	70.00, 51.24, -2.81
CIE _{LCh}	70, 51.312, 356.865
Yxy	40.7494, 0.3944, 0.2814
Android (android.graphics.Color)	4294870194 (0xFFFE84B2)
YUV	173.7220, 2.1091, 70.4038
Hunter-Lab	63.8353, 47.9906, 1.0904

Details

The CIELCh color **70, 51.312, 356.865** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **92, 46.254, 165.585**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **84, 33.868, 336.760**, and **50, 51.028, 357.072** is the 20% darker color. If you saturate the color by 10%, you get **65, 61.198, 358.921**, and if you desaturate by 10%, it is **76, 40.694, 355.192**.

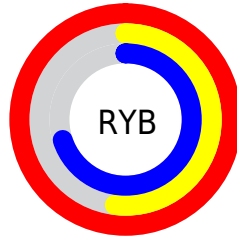
Distribution



Red (100%)

Green (52%)

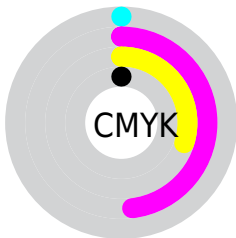
Blue (70%)



Red (100%)

Yellow (52%)

Blue (70%)

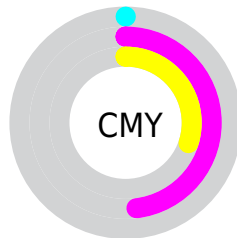


Cyan (0%)

Magenta (48%)

Yellow (30%)

Black (0%)



Cyan (0%)


Magenta (48%)


Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 51.312, 356.865 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 70, 51.312, 356.865 by changing the saturation by 10% instead.


 70, 51.312,
356.865

 70, 51.312,
356.865


 100, 51.312,
356.865


 60, 51.312,
356.865


 90, 51.312,
356.865

 50, 51.312,
356.865

 40, 51.312,
356.865

 30, 51.312,
356.865

 20, 51.312,
356.865

 10, 51.312,
356.865

 0, 51.312, 356.865

70, 51.312,
356.865

70, 51.312,
356.865

65, 61.198,
358.921

76, 40.694,
355.192

61, 69.829, 1.499

82, 29.797,
353.794

58, 76.697, 4.775

88, 18.934,
352.595

55, 81.546, 8.929

54, 84.660, 14.021

94, 8.305, 351.526

54, 85.233, 15.061

100, 0.376,
201.145

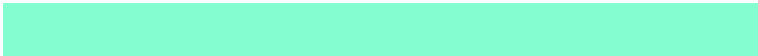
Harmonies

Complementary

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



70, 51.312, 356.865



92, 46.254, 165.585

Rectangle

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



70, 51.312, 356.865



70, 51.312, 46.865



70, 51.312, 176.865



70, 51.312, 226.865

Sweetspot

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



70, 51.309, 356.867



91, 14.654, 352.153



67, 70.454, 315.161



47, 10.150, 352.387



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 51.309, 356.867



65, 61.370, 358.915



72, 46.554, 32.913



50, 5.907, 351.679



41, 68.671, 14.033



10, 31.282, 6.749

Inverse Universe

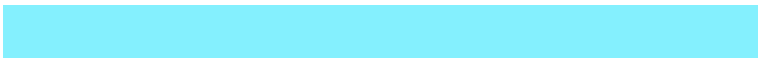
The Inverse Universe completely reimagines the original color for something new.



70, 51.309, 356.867



65, 61.370, 358.915



89, 32.020, 211.020



50, 5.907, 351.679



41, 68.671, 14.033



10, 31.282, 6.749

Previews

White Background



This preview shows how the CIELCh color 70, 51.312, 356.865 looks on a white background.

Color Contrast Check

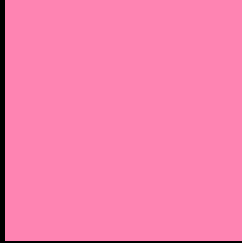
Large Text (above 18pt) WCAG AA × Fail

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 70, 51.312, 356.865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

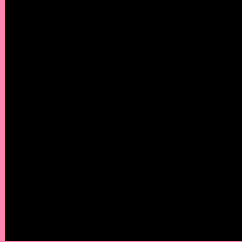
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 51.312, 356.865

Background



This preview shows how black text looks on a background with the CIELCh color 70, 51.312, 356.865.



This preview shows how white text looks on a background with the CIELCh color 70, 51.312, 356.865.

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](#).

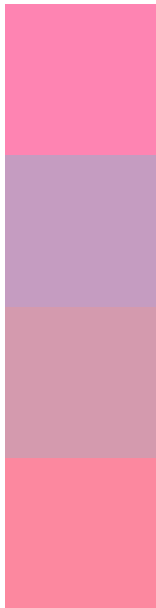
Dichromacy





Tritanopia
70, 45.930, 17.708

Trichromacy



Original Color
70, 51.312, 356.865

Protanomaly
69, 25.259, 328.389

Deuteranomaly
70, 24.707, 355.817

Tritanomaly
70, 46.970, 9.586

Monochromacy



Original Color
70, 51.312, 356.865

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 18.927, 353.855

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 51.312, 356.865 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(254, 132, 178)` looks like.

```
.text, #text, p{  
    color:rgb(254, 132, 178)  
}
```

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(254, 132, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 132, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 51.312, 356.865 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(254, 132, 178) }
```

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

```
.border{ border-color:rgb(254, 132, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 132, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 132, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 132, 178);  
box-shadow:4px 4px 4px 4px rgb(254, 132,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 51.312, 356.865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 132, 178) }
```

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

```
.background{ background-color: rgb(254,  
132, 178) }
```

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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