

Converting Colors

CIELCh(70, 50.964, 356.576)

Have a look what the booklet for
CIELCh(70, 50.964, 356.576)
contains.

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Color

CIELCh(70, 50.996, 356.609)

Conversions

Conversions Part 1

Format	Color
Hex	FD84B2
RGB	253, 132, 178
RGB Percent	99%, 52%, 70%
CMY	0.0066, 0.4812, 0.3008
CMYK	0.00, 0.48, 0.30, 0.01
HSL	337°, 97%, 76%
HSV	337°, 48%, 99%
XYZ	56.9795, 40.7494, 47.1325
YIQ	173.4230, 57.3500, 39.9580

Conversions

Conversions Part 2

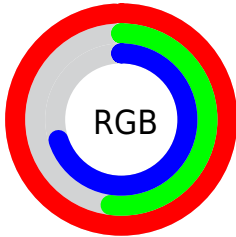
Format	Color
RYB	253, 132, 178
Decimal	16614578
CIELab	70.00, 50.91, -3.02
CIElCh	70, 50.996, 356.609
Yxy	40.7494, 0.3933, 0.2813
Android (android.graphics.Color)	4294804658 (0xFFFD84B2)
YUV	173.4230, 2.2565, 69.7890
Hunter-Lab	63.8353, 47.6179, 0.9082

Details

The CIELCh color **70, 50.996, 356.609** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **92, 46.058, 165.437**, 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, 60.887, 358.644**, and if you desaturate by 10%, it is **76, 40.381, 354.952**.

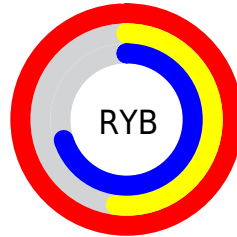
Distribution



Red (99%)

Green (52%)

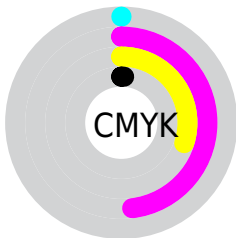
Blue (70%)



Red (99%)

Yellow (52%)

Blue (70%)

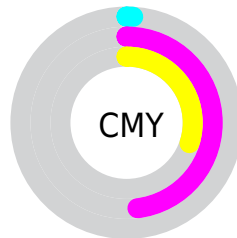


Cyan (0%)

Magenta (48%)

Yellow (30%)

Black (1%)



Cyan (1%)


Magenta (48%)


Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 50.996, 356.609 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, 50.996, 356.609 by changing the saturation by 10% instead.


 70, 50.996,
356.609

 70, 50.996,
356.609


 100, 50.996,
356.609


 60, 50.996,
356.609


 90, 50.996,
356.609

 50, 50.996,
356.609

 40, 50.996,
356.609

 30, 50.996,
356.609

 20, 50.996,
356.609

 10, 50.996,
356.609

 0, 50.996, 356.609

70, 50.996,
356.609

70, 50.996,
356.609

65, 60.887,
358.644

76, 40.381,
354.952

61, 69.532, 1.191

82, 29.494,
353.564

58, 76.419, 4.428

88, 18.643,
352.374

55, 81.280, 8.535

54, 84.370, 13.586

94, 8.026, 351.310

54, 85.005, 14.763

100, 0.584,
200.503

Harmonies

Complementary

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



70, 50.996, 356.609



92, 46.058, 165.437

Rectangle

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



70, 50.996, 356.609



70, 50.996, 46.609



70, 50.996, 176.609



70, 50.996, 226.609

Sweetspot

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



70, 50.993, 356.611



91, 14.678, 351.963



67, 69.934, 315.150



47, 10.167, 352.196



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, 50.993, 356.611



66, 60.479, 358.474



72, 46.161, 32.882



50, 5.917, 351.490



41, 68.619, 13.746



10, 31.282, 6.495

Inverse Universe

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



70, 50.993, 356.611



66, 60.479, 358.474



89, 31.830, 211.005



50, 5.917, 351.490



41, 68.619, 13.746



10, 31.282, 6.495

Previews

White Background



This preview shows how the CIELCh color 70, 50.996, 356.609 looks on a white background.

Color Contrast Check

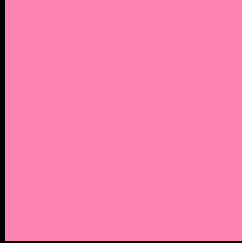
Large Text (above 18pt) WCAG AA × Fail

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, 50.996, 356.609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

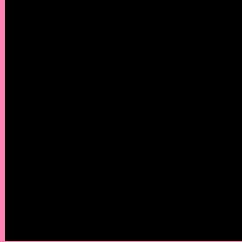
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 50.996, 356.609

Background



This preview shows how black text looks on a background with the CIELCh color 70, 50.996, 356.609.



This preview shows how white text looks on a background with the CIELCh color 70, 50.996, 356.609.

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



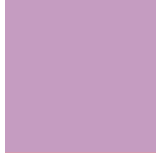


Tritanopia
70, 45.930, 17.708

Trichromacy



Original Color
70, 50.996, 356.609



Protanomaly
69, 25.259, 328.389



Deuteranomaly
70, 24.564, 354.194



Tritanomaly
70, 46.970, 9.586

Monochromacy



Original Color
70, 50.996, 356.609



Achromatopsia
71, 0.009, 296.813



Achromatomaly
70, 19.153, 352.378

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 50.996, 356.609 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(253, 132, 178)` looks like.

```
.text, #text, p{  
    color:rgb(253, 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(253, 132, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 132, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 50.996, 356.609 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(253, 132, 178) }
```

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

```
.border{ border-color:rgb(253, 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(253, 132, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 132, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 132, 178);  
box-shadow:4px 4px 4px 4px rgb(253, 132,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 50.996, 356.609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 132, 178) }
```

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

```
.background{ background-color: rgb(253,  
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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