

Converting Colors

CIELCh(70, 56.394, 347.652)

Have a look what the booklet for
CIELCh(70, 56.394, 347.652)
contains.

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Color

CIELCh(70, 56.317, 348.042)

Conversions

Conversions Part 1

Format	Color
Hex	FF81C2
RGB	255, 129, 194
RGB Percent	100%, 51%, 76%
CMY	0.0009, 0.4949, 0.2400
CMYK	0.00, 0.49, 0.24, 0.00
HSL	329°, 100%, 75%
HSV	329°, 49%, 100%
XYZ	58.6946, 40.7494, 55.6900
YIQ	174.0840, 54.2310, 46.9270

Conversions

Conversions Part 2

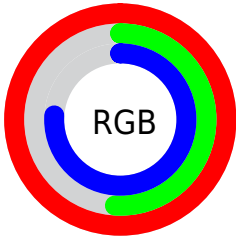
Format	Color
RYB	255, 129, 194
Decimal	16744898
CIELab	70.00, 55.09, -11.67
CIElCh	70, 56.317, 348.042
Yxy	40.7494, 0.3783, 0.2627
Android (android.graphics.Color)	4294934978 (0xFFFF81C2)
YUV	174.0840, 9.8186, 70.9633
Hunter-Lab	63.8353, 52.4136, -7.0400

Details

The CIELCh color **70, 56.317, 348.042** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **92, 53.636, 157.572**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **83, 42.213, 327.569**, and **50, 56.347, 348.392** is the 20% darker color. If you saturate the color by 10%, you get **65, 66.152, 349.661**, and if you desaturate by 10%, it is **75, 45.398, 346.685**.

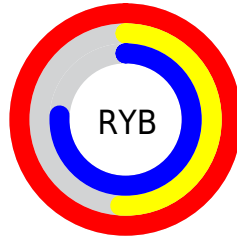
Distribution



Red (100%)

Green (51%)

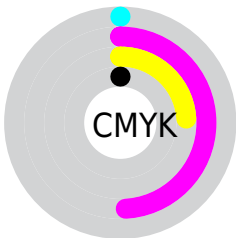
Blue (76%)



Red (100%)

Yellow (51%)

Blue (76%)

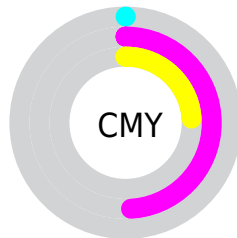


Cyan (0%)

Magenta (49%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (49%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 56.317, 348.042 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, 56.317, 348.042 by changing the saturation by 10% instead.


 70, 56.317,
348.042


 70, 56.317,
348.042


 100, 56.317,
348.042


 60, 56.317,
348.042


 90, 56.317,
348.042

 50, 56.317,
348.042

 40, 56.317,
348.042

 30, 56.317,
348.042

 20, 56.317,
348.042

 10, 56.317,
348.042

 0, 56.317, 348.042

70, 56.317,
348.042

70, 56.317,
348.042

65, 66.152,
349.661

75, 45.398,
346.685

61, 74.309,
351.642

81, 33.923,
345.515

58, 80.218,
354.124

87, 22.273,
344.482

56, 83.576,
357.269

94, 10.709,
343.544

55, 84.733, 1.169

100, 0.078,
207.914

55, 84.782, 1.396

Harmonies

Complementary

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



70, 56.317, 348.042



92, 53.636, 157.572

Rectangle

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



70, 56.317, 348.042



70, 56.317, 38.042



70, 56.317, 168.042



70, 56.317, 218.042

Sweetspot

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



70, 56.314, 348.043



90, 17.124, 344.057



65, 71.837, 311.094



47, 11.707, 344.257



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, 56.314, 348.043



65, 65.793, 349.583



68, 52.500, 23.940



50, 6.451, 343.549



41, 68.443, 0.602



10, 32.028, 355.252

Inverse Universe

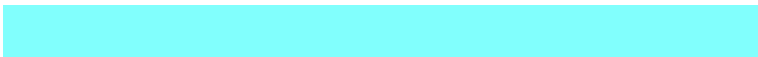
The Inverse Universe completely reimagines the original color for something new.



70, 56.314, 348.043



65, 65.793, 349.583



93, 36.871, 195.445



50, 6.451, 343.549



41, 68.443, 0.602



10, 32.028, 355.252

Previews

White Background



This preview shows how the CIELCh color 70, 56.317, 348.042 looks on a white background.

Color Contrast Check

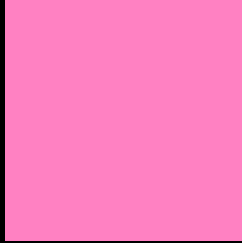
Large Text (above 18pt) WCAG AA × Fail

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, 56.317, 348.042 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, 56.317, 348.042

Background



This preview shows how black text looks on a background with the CIELCh color 70, 56.317, 348.042.

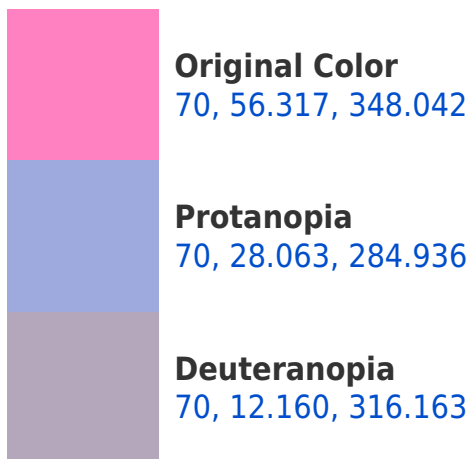


This preview shows how white text looks on a background with the CIELCh color 70, 56.317, 348.042.

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, 45.530, 17.602

Trichromacy



Original Color
70, 56.317, 348.042



Protanomaly
69, 33.600, 316.183



Deuteranomaly
69, 28.265, 338.175



Tritanomaly
70, 47.709, 5.285

Monochromacy



Original Color
70, 56.317, 348.042



Achromatopsia
71, 0.009, 296.813



Achromatomaly
70, 21.092, 344.988

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 56.317, 348.042 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, 129, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 129, 194)  
}
```

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, 129, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 129, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 56.317, 348.042 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, 129, 194) }
```

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

```
.border{ border-color:rgb(255, 129, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 129, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 129, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 129, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 129,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 56.317, 348.042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 129, 194) }
```

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

```
.background{ background-color: rgb(255,  
129, 194) }
```

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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