

Converting Colors

CIELCh(76, 65.597, 15.398)

Have a look what the booklet for
CIELCh(76, 65.597, 15.398) contains.

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Color

CIELCh(70, 49.421, 8.851)

Conversions

Conversions Part 1

Format	Color
Hex	FF859F
RGB	255, 133, 159
RGB Percent	100%, 52%, 62%
CMY	0.0000, 0.4768, 0.3749
CMYK	0.00, 0.48, 0.37, 0.00
HSL	347°, 100%, 76%
HSV	347°, 48%, 100%
XYZ	56.1427, 40.7494, 37.8870
YIQ	172.4420, 64.3660, 33.9500

Conversions

Conversions Part 2

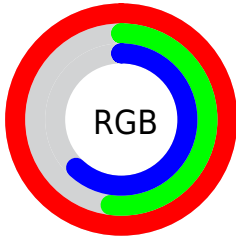
Format	Color
RYB	255, 133, 159
Decimal	16745887
CIELab	70.00, 48.83, 7.60
CIElCh	70, 49.421, 8.851
Yxy	40.7494, 0.4166, 0.3023
Android (android.graphics.Color)	4294935967 (0xFFFF859F)
YUV	172.4420, -6.6269, 72.4034
Hunter-Lab	63.8353, 45.2778, 9.4954

Details

The CIELCh color **70, 49.421, 8.851** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **93, 40.348, 177.361**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **83, 27.560, 353.407**, and **50, 49.537, 8.635** is the 20% darker color. If you saturate the color by 10%, you get **65, 59.746, 11.201**, and if you desaturate by 10%, it is **76, 38.464, 6.841**.

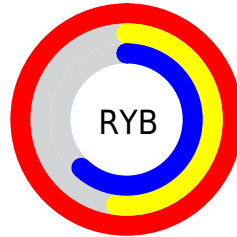
Distribution



Red (100%)

Green (52%)

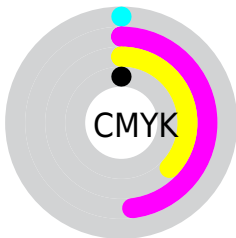
Blue (62%)



Red (100%)

Yellow (52%)

Blue (62%)

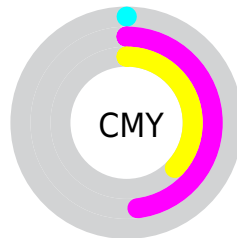


Cyan (0%)

Magenta (48%)

Yellow (37%)

Black (0%)



Cyan (0%)

Magenta (48%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 49.421, 8.851 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, 49.421, 8.851 by changing the saturation by 10% instead.

 70, 49.421, 8.851  70, 49.421, 8.851

 100, 49.421, 8.851  60, 49.421, 8.851

 90, 49.421, 8.851  50, 49.421, 8.851


 40, 49.421, 8.851

 30, 49.421, 8.851

 20, 49.421, 8.851

 10, 49.421, 8.851

 0, 49.421, 8.851

 70, 49.421, 8.851  70, 49.421, 8.851

 65, 59.746, 11.201  76, 38.464, 6.841

■ 61, 69.517, 14.284

■ 82, 27.741, 5.276

■ 57, 78.161, 18.177

■ 88, 17.320, 3.979

■ 55, 85.487, 22.943

■ 95, 7.337, 2.853

■ 54, 91.652, 28.371

100, 0.012,
296.813

■ 54, 93.047, 29.594

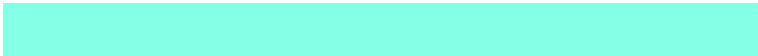
Harmonies

Complementary

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



70, 49.421, 8.851



93, 40.348, 177.361

Rectangle

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



70, 49.421, 8.851



70, 49.421, 58.851



70, 49.421, 188.851



70, 49.421, 238.851

Sweetspot

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



70, 49.250, 8.772



91, 13.590, 3.552



70, 71.725, 320.347



47, 9.433, 3.800



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, 49.250, 8.772



65, 59.049, 11.016



77, 42.030, 47.480



50, 5.456, 3.053



40, 74.280, 28.553



10, 31.904, 18.030

Inverse Universe

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



70, 49.250, 8.772



65, 59.049, 11.016



84, 30.363, 235.155



50, 5.456, 3.053



40, 74.280, 28.553



10, 31.904, 18.030

Previews

White Background



This preview shows how the CIELCh color 70, 49.421, 8.851 looks on a white background.

Color Contrast Check

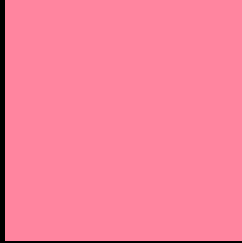
Large Text (above 18pt) WCAG AA × Fail

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, 49.421, 8.851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

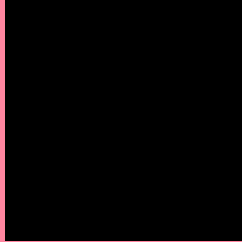
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 49.421, 8.851

Background



This preview shows how black text looks on a background with the CIELCh color 70, 49.421, 8.851.



This preview shows how white text looks on a background with the CIELCh color 70, 49.421, 8.851.

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



Original Color
70, 49.421, 8.851

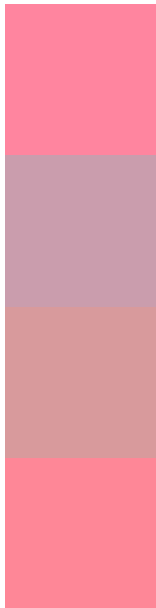
Protanopia
70, 5.543, 298.372

Deuteranopia
70, 13.078, 47.401



Tritanopia
70, 48.039, 18.291

Trichromacy



Original Color
70, 49.421, 8.851

Protanomaly
69, 19.312, 354.459

Deuteranomaly
70, 24.862, 19.289

Tritanomaly
70, 48.190, 14.618

Monochromacy



Original Color
70, 49.421, 8.851

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 17.755, 5.120

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 49.421, 8.851 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, 133, 159)` looks like.

```
.text, #text, p{  
    color:rgb(255, 133, 159)  
}
```

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, 133, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 133, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 49.421, 8.851 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, 133, 159) }
```

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

```
.border{ border-color:rgb(255, 133, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 133, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 133, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 133, 159);  
box-shadow:4px 4px 4px 4px rgb(255, 133,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 49.421, 8.851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 133, 159) }
```

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

```
.background{ background-color: rgb(255,  
133, 159) }
```

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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