

Converting Colors

CIELCh(70, 48.590, 7.482)

Have a look what the booklet for
CIELCh(70, 48.590, 7.482) contains.

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Color

CIELCh(70, 48.720, 7.191)

Conversions

Conversions Part 1

Format	Color
Hex	FE86A2
RGB	254, 134, 162
RGB Percent	100%, 53%, 64%
CMY	0.0038, 0.4743, 0.3646
CMYK	0.00, 0.47, 0.36, 0.00
HSL	346°, 98%, 76%
HSV	346°, 47%, 100%
XYZ	55.9439, 40.7494, 39.1165
YIQ	173.0720, 62.5320, 34.1480

Conversions

Conversions Part 2

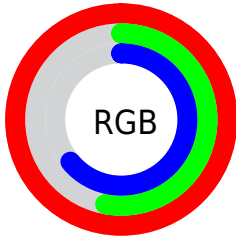
Format	Color
R _Y B	254, 134, 162
Decimal	16680610
CIE Lab	70.00, 48.34, 6.10
CIE LCh	70, 48.720, 7.191
Yxy	40.7494, 0.4119, 0.3000
Android (android.graphics.Color)	4294870690 (0xFFFE86A2)
YUV	173.0720, -5.4585, 70.9739
Hunter-Lab	63.8353, 44.7219, 8.3534

Details

The CIELCh color **70, 48.720, 7.191** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **92, 40.513, 175.851**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **83, 27.657, 351.020**, and **50, 48.825, 6.753** is the 20% darker color. If you saturate the color by 10%, you get **65, 59.102, 9.568**, and if you desaturate by 10%, it is **76, 38.006, 5.299**.

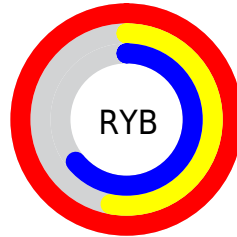
Distribution



Red (100%)

Green (53%)

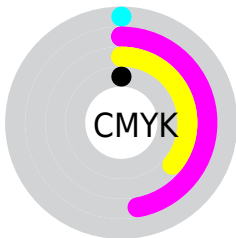
Blue (64%)



Red (100%)

Yellow (53%)

Blue (64%)

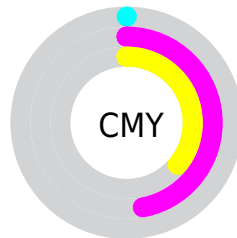


Cyan (0%)

Magenta (47%)

Yellow (36%)

Black (0%)



Cyan (0%)


Magenta (47%)


Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 48.720, 7.191 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, 48.720, 7.191 by changing the saturation by 10% instead.

 70, 48.720, 7.191  70, 48.720, 7.191

 100, 48.720, 7.191  60, 48.720, 7.191

 90, 48.720, 7.191  50, 48.720, 7.191

 40, 48.720, 7.191

 30, 48.720, 7.191

 20, 48.720, 7.191

 10, 48.720, 7.191

 0, 48.720, 7.191

 70, 48.720, 7.191  70, 48.720, 7.191

 65, 59.102, 9.568  76, 38.006, 5.299

■ 61, 68.719, 12.579

■ 82, 27.328, 3.757

■ 57, 77.149, 16.391

■ 88, 16.926, 2.471

■ 55, 84.191, 21.096

■ 95, 6.937, 1.346

■ 54, 90.017, 26.554

100, 0.332,
201.379

■ 53, 91.583, 28.051

Harmonies

Complementary

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



70, 48.720, 7.191



92, 40.513, 175.851

Rectangle

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



70, 48.720, 7.191



70, 48.720, 57.191



70, 48.720, 187.191



70, 48.720, 237.191

Sweetspot

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



70, 48.717, 7.193



91, 13.686, 2.096



70, 70.693, 319.813



47, 9.497, 2.345



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, 48.717, 7.193



65, 59.044, 9.508



76, 41.723, 45.880



50, 5.498, 1.596



40, 73.365, 27.000



10, 31.792, 16.961

Inverse Universe

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



70, 48.717, 7.193



65, 59.044, 9.508



84, 29.968, 232.556



50, 5.498, 1.596



40, 73.365, 27.000



10, 31.792, 16.961

Previews

White Background



This preview shows how the CIELCh color 70, 48.720, 7.191 looks on a white background.

Color Contrast Check

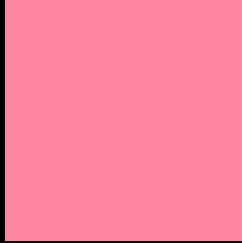
Large Text (above 18pt) WCAG AA × Fail

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, 48.720, 7.191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

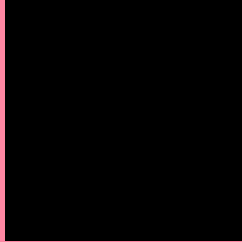
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 48.720, 7.191

Background



This preview shows how black text looks on a background with the CIELCh color 70, 48.720, 7.191.



This preview shows how white text looks on a background with the CIELCh color 70, 48.720, 7.191.

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, 48.720, 7.191

Protanopia

70, 7.141, 293.826

Deuteranopia

70, 11.945, 41.571



Tritanopia
70, 47.185, 18.053

Trichromacy



Original Color
70, 48.720, 7.191



Protanomaly
69, 19.432, 350.960



Deuteranomaly
70, 24.387, 15.410



Tritanomaly
70, 47.359, 14.312

Monochromacy



Original Color
70, 48.720, 7.191



Achromatopsia
71, 0.009, 296.813



Achromatomaly
70, 17.500, 2.984

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 48.720, 7.191 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, 134, 162)` looks like.

```
.text, #text, p{  
    color:rgb(254, 134, 162)  
}
```

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, 134, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 134, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 48.720, 7.191 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, 134, 162) }
```

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

```
.border{ border-color:rgb(254, 134, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 134, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 134, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 134, 162);  
box-shadow:4px 4px 4px 4px rgb(254, 134,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 48.720, 7.191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 134, 162) }
```

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

```
.background{ background-color: rgb(254,  
134, 162) }
```

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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