

Converting Colors

CIELCh(78, 68.539, 14.884)

Have a look what the booklet for
CIELCh(78, 68.539, 14.884) contains.

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Color

CIELCh(70, 48.730, 6.526)

Conversions

Conversions Part 1

Format	Color
Hex	FE86A3
RGB	254, 134, 163
RGB Percent	100%, 53%, 64%
CMY	0.0043, 0.4744, 0.3607
CMYK	0.00, 0.47, 0.36, 0.00
HSL	345°, 98%, 76%
HSV	345°, 47%, 100%
XYZ	55.9749, 40.7494, 39.5808
YIQ	173.1860, 62.2110, 34.4590

Conversions

Conversions Part 2

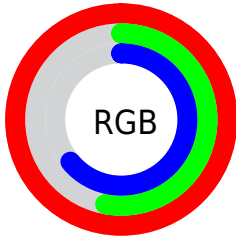
Format	Color
R_{YB}	254, 134, 163
Decimal	16680611
CIE _{Lab}	70.00, 48.41, 5.54
CIE _{LCh}	70, 48.730, 6.526
Yxy	40.7494, 0.4107, 0.2990
Android (android.graphics.Color)	4294870691 (0xFFFE86A3)
YUV	173.1860, -5.0217, 70.8739
Hunter-Lab	63.8353, 44.8087, 7.9222

Details

The CIELCh color **70, 48.730, 6.526** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **92, 40.756, 175.167**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **84, 27.893, 350.065**, and **50, 48.825, 6.753** is the 20% darker color. If you saturate the color by 10%, you get **65, 59.066, 8.887**, and if you desaturate by 10%, it is **76, 38.039, 4.644**.

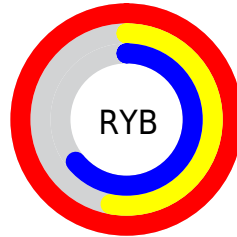
Distribution



Red (100%)

Green (53%)

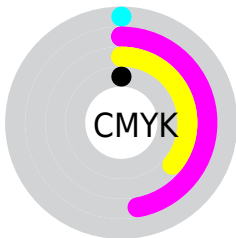
Blue (64%)



Red (100%)

Yellow (53%)

Blue (64%)

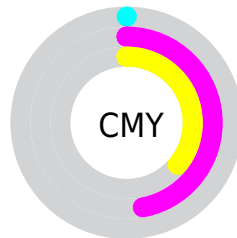


Cyan (0%)

Magenta (47%)

Yellow (36%)

Black (0%)



Cyan (0%)

Magenta (47%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 48.730, 6.526 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, 48.730, 6.526 by changing the saturation by 10% instead.

 70, 48.730, 6.526  70, 48.730, 6.526

 100, 48.730, 6.526  60, 48.730, 6.526

 90, 48.730, 6.526  50, 48.730, 6.526


 40, 48.730, 6.526


 30, 48.730, 6.526

 20, 48.730, 6.526

 10, 48.730, 6.526

 0, 48.730, 6.526

 70, 48.730, 6.526  70, 48.730, 6.526

 65, 59.066, 8.887  76, 38.039, 4.644

■ 61, 68.609, 11.877

■ 82, 27.365, 3.108

■ 57, 76.933, 15.665

■ 88, 16.951, 1.824

■ 55, 83.833, 20.353

■ 95, 6.940, 0.698

■ 54, 89.493, 25.821

100, 0.384,
201.109

■ 53, 91.027, 27.341

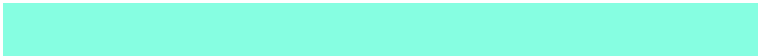
Harmonies

Complementary

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



70, 48.730, 6.526



92, 40.756, 175.167

Rectangle

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



70, 48.730, 6.526



70, 48.730, 56.526



70, 48.730, 186.526



70, 48.730, 236.526

Sweetspot

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



70, 48.727, 6.528



91, 13.732, 1.452



69, 70.459, 319.294



47, 9.527, 1.700



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, 48.727, 6.528



65, 59.057, 8.833



76, 42.002, 44.300



50, 5.518, 0.951



40, 72.972, 26.283



10, 31.743, 16.459

Inverse Universe

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



70, 48.727, 6.528



65, 59.057, 8.833



85, 29.923, 230.045



50, 5.518, 0.951



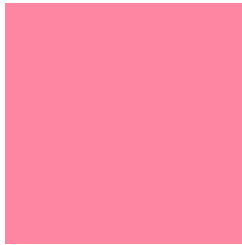
40, 72.972, 26.283



10, 31.743, 16.459

Previews

White Background



This preview shows how the CIELCh color 70, 48.730, 6.526 looks on a white background.

Color Contrast Check

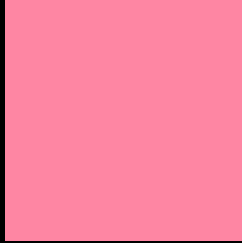
Large Text (above 18pt) WCAG AA × Fail

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, 48.730, 6.526 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, 48.730, 6.526

Background



This preview shows how black text looks on a background with the CIELCh color 70, 48.730, 6.526.

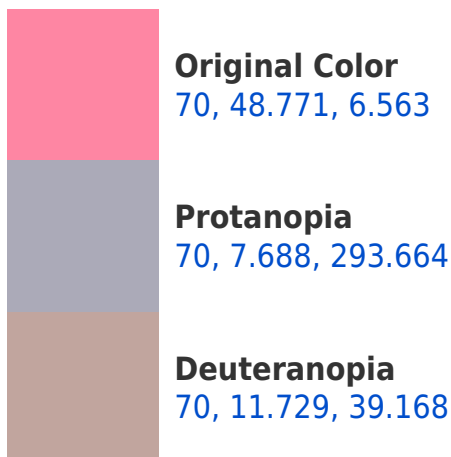


This preview shows how white text looks on a background with the CIELCh color 70, 48.730, 6.526.

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, 47.185, 18.053

Trichromacy



Original Color
70, 48.771, 6.563



Protanomaly
69, 19.684, 349.557



Deuteranomaly
70, 24.391, 14.142



Tritanomaly
70, 47.337, 13.663

Monochromacy



Original Color
70, 48.771, 6.563



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, 48.730, 6.526 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, 163)` looks like.

```
.text, #text, p{  
    color:rgb(254, 134, 163)  
}
```

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, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 134, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 48.730, 6.526 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, 163) }
```

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

```
.border{ border-color:rgb(254, 134, 163) }
```

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, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 134, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 134, 163);  
box-shadow:4px 4px 4px 4px rgb(254, 134,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 48.730, 6.526 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, 163) }
```

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

```
.background{ background-color: rgb(254,  
134, 163) }
```

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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