

Converting Colors

CIELCh(69, 48.390, 0.977)

Have a look what the booklet for
CIELCh(69, 48.390, 0.977) contains.

CIELCh(69, 48.462, 0.982)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(69, 48.462, 0.982)

Conversions

Conversions Part 1

Format	Color
Hex	F984A9
RGB	249, 132, 169
RGB Percent	98%, 52%, 66%
CMY	0.0249, 0.4836, 0.3385
CMYK	0.00, 0.47, 0.32, 0.02
HSL	341°, 90%, 75%
HSV	341°, 47%, 98%
XYZ	54.2815, 39.3444, 42.1151
YIQ	171.2010, 57.8550, 36.3110

Conversions

Conversions Part 2

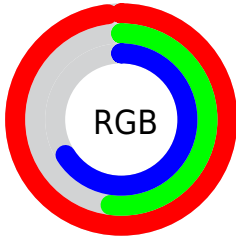
Format	Color
RYB	249, 132, 169
Decimal	16352425
CIELab	69.00, 48.45, 0.83
CIELCh	69, 48.462, 0.982
Yxy	39.3444, 0.3999, 0.2898
Android (android.graphics.Color)	4294542505 (0xFFFF984A9)
YUV	171.2010, -1.0851, 68.2297
Hunter-Lab	62.7251, 44.7027, 4.0989

Details

The CIELCh color $69, 48.462, 0.982$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $90, 42.416, 169.740$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $83, 31.263, 343.683$, and $49, 48.753, 1.014$ is the 20% darker color. If you saturate the color by 10%, you get $64, 58.379, 3.165$, and if you desaturate by 10%, it is $75, 38.016, 359.221$.

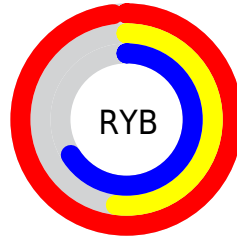
Distribution



Red (98%)

Green (52%)

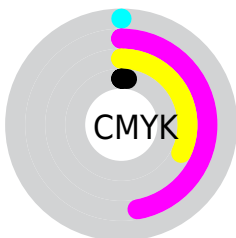
Blue (66%)



Red (98%)

Yellow (52%)

Blue (66%)

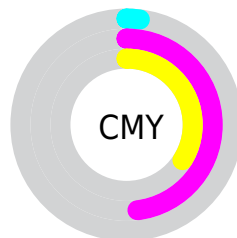


Cyan (0%)

Magenta (47%)

Yellow (32%)

Black (2%)



Cyan (2%)

Magenta (48%)


Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 48.462, 0.982 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 69, 48.462, 0.982 by changing the saturation by 10% instead.

 69, 48.462, 0.982  69, 48.462, 0.982

 100, 48.462, 0.982  59, 48.462, 0.982

 89, 48.462, 0.982  49, 48.462, 0.982

 99, 48.462, 0.982  39, 48.462, 0.982

 29, 48.462, 0.982

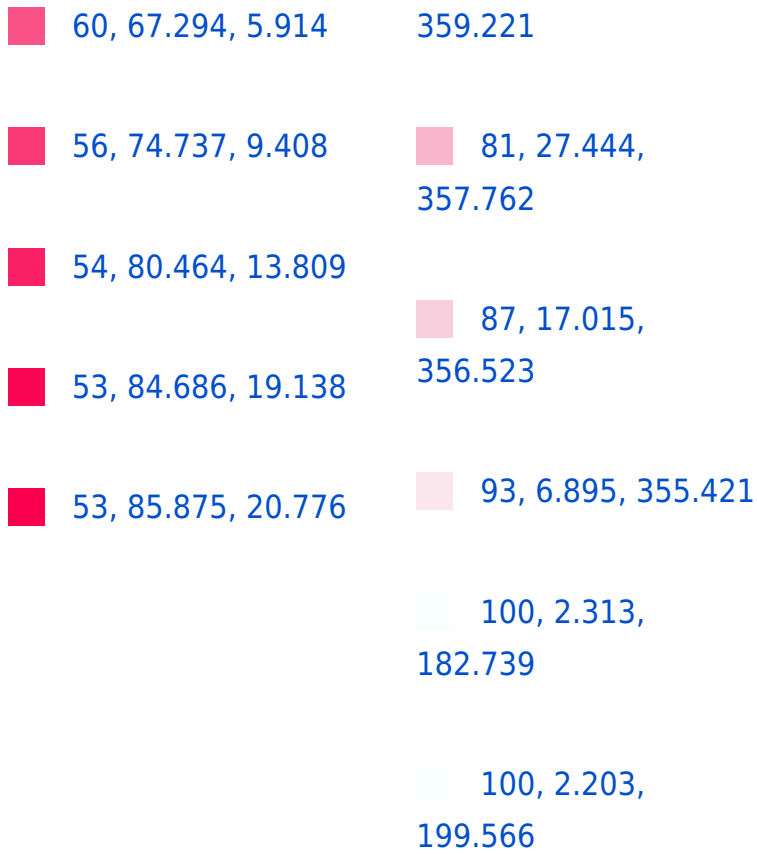
 19, 48.462, 0.982

 9, 48.462, 0.982

 0, 48.462, 0.982

 69, 48.462, 0.982  69, 48.462, 0.982

 64, 58.379, 3.165  75, 38.016,



Harmonies

Complementary

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



69, 48.462, 0.982



90, 42.416, 169.740

Rectangle

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



69, 48.462, 0.982



69, 48.462, 50.982



69, 48.462, 180.982



69, 48.462, 230.982

Sweetspot

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



69, 48.459, 0.984



91, 14.191, 356.182



67, 68.391, 317.205



47, 9.837, 356.425



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



69, 48.459, 0.984



66, 58.569, 2.933



73, 42.654, 38.270



49, 5.619, 355.688



40, 69.434, 19.715



9, 30.526, 10.915

Inverse Universe

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



69, 48.459, 0.984



66, 58.569, 2.933



85, 29.783, 220.164



49, 5.619, 355.688



40, 69.434, 19.715



9, 30.526, 10.915

Previews

White Background



This preview shows how the CIELCh color 69, 48.462, 0.982 looks on a white background.

Color Contrast Check

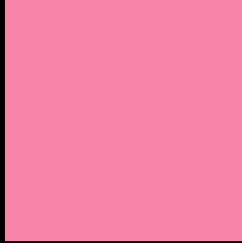
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 69, 48.462, 0.982 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 69, 48.462, 0.982

Background



This preview shows how black text looks on a background with the CIELCh color 69, 48.462, 0.982.

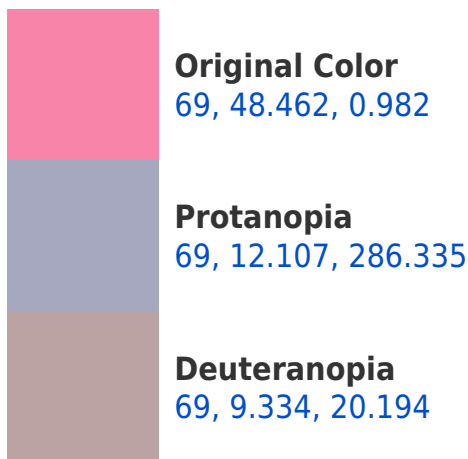


This preview shows how white text looks on a background with the CIELCh color 69, 48.462, 0.982.

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
69, 45.233, 17.564

Trichromacy



Original Color
69, 48.462, 0.982



Protanomaly
68, 21.067, 336.777



Deuteranomaly
69, 23.311, 4.105



Tritanomaly
69, 46.254, 11.300

Monochromacy



Original Color
69, 48.462, 0.982



Achromatopsia
70, 0.009, 296.813



Achromatomaly
69, 17.654, 357.442

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 48.462, 0.982 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(249, 132, 169)` looks like.

```
.text, #text, p{  
    color:rgb(249, 132, 169)  
}
```

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(249, 132, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 132, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 48.462, 0.982 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(249, 132, 169) }
```

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

```
.border{ border-color:rgb(249, 132, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 132, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 132, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 132, 169);  
box-shadow:4px 4px 4px 4px rgb(249, 132,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 48.462, 0.982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 132, 169) }
```

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

```
.background{ background-color: rgb(249,  
132, 169) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor