

Converting Colors

CIELCh(72, 59.008, 17.407)

Have a look what the booklet for
CIELCh(72, 59.008, 17.407) contains.

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Color

CIELCh(69, 50.747, 14.980)

Conversions

Conversions Part 1

Format	Color
Hex	FF8293
RGB	255, 130, 147
RGB Percent	100%, 51%, 58%
CMY	0.0000, 0.4901, 0.4234
CMYK	0.00, 0.49, 0.42, 0.00
HSL	352°, 100%, 75%
HSV	352°, 49%, 100%
XYZ	54.5046, 39.3444, 32.3352
YIQ	169.3130, 69.0430, 31.7870

Conversions

Conversions Part 2

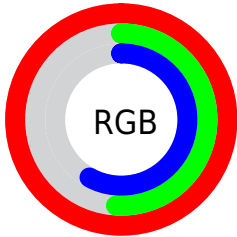
Format	Color
R _Y B	255, 130, 147
Decimal	16745107
CIE Lab	69.00, 49.02, 13.12
CIE LCh	69, 50.747, 14.980
Yxy	39.3444, 0.4319, 0.3118
Android (android.graphics.Color)	4294935187 (0xFFFF8293)
YUV	169.3130, -11.0003, 75.1475
Hunter-Lab	62.7251, 45.3376, 13.3432

Details

The CIELCh color **69, 50.747, 14.980** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **93, 39.045, 183.891**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **82, 27.604, 4.136**, and **49, 50.981, 14.747** is the 20% darker color. If you saturate the color by 10%, you get **64, 61.707, 17.537**, and if you desaturate by 10%, it is **75, 39.648, 12.968**.

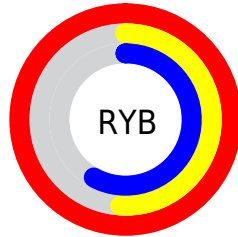
Distribution



Red (100%)

Green (51%)

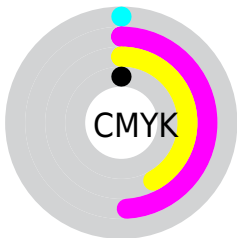
Blue (58%)



Red (100%)

Yellow (51%)

Blue (58%)

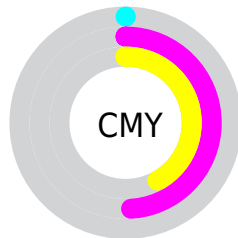


Cyan (0%)

Magenta (49%)

Yellow (42%)

Black (0%)



Cyan (0%)

Magenta (49%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 50.747, 14.980 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, 50.747, 14.980 by changing the saturation by 10% instead.

69, 50.747, 14.980

69, 50.747, 14.980

100, 50.747,
14.980

59, 50.747, 14.980

89, 50.747, 14.980

49, 50.747, 14.980

99, 50.747, 14.980

39, 50.747, 14.980

29, 50.747, 14.980

19, 50.747, 14.980

9, 50.747, 14.980

0, 50.747, 14.980

69, 50.747, 14.980

69, 50.747, 14.980

64, 61.707, 17.537

75, 39.648, 12.968

■ 60, 72.171, 20.785

■ 81, 28.777, 11.369

■ 57, 81.754, 24.819

■ 87, 18.332, 10.072

■ 54, 90.213, 29.545

■ 94, 8.428, 8.978

■ 53, 97.364, 34.407

100, 0.012,
296.813

■ 53, 98.023, 34.830

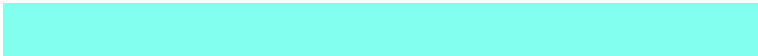
Harmonies

Complementary

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



69, 50.747, 14.980



93, 39.045, 183.891

Rectangle

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



69, 50.747, 14.980



69, 50.747, 64.980



69, 50.747, 194.980



69, 50.747, 244.980

Sweetspot

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



69, 50.733, 14.979



90, 14.295, 9.616



70, 74.353, 322.454



46, 9.815, 9.852



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, 50.733, 14.979



64, 61.699, 17.535



78, 42.561, 54.019



50, 5.328, 9.030



40, 78.195, 33.951



10, 32.366, 21.610

Inverse Universe

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



69, 50.733, 14.979



64, 61.699, 17.535



81, 31.965, 245.358



50, 5.328, 9.030



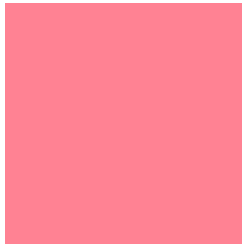
40, 78.195, 33.951



10, 32.366, 21.610

Previews

White Background



This preview shows how the CIELCh color 69, 50.747, 14.980 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 69, 50.747, 14.980 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, 50.747, 14.980

Background



This preview shows how black text looks on a background with the CIELCh color 69, 50.747, 14.980.

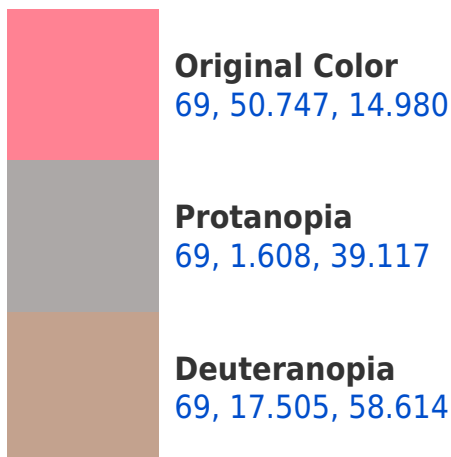


This preview shows how white text looks on a background with the CIELCh color 69, 50.747, 14.980.

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, 50.399, 19.577

Trichromacy



Original Color
69, 50.747, 14.980



Protanomaly
68, 19.188, 11.466



Deuteranomaly
68, 27.832, 28.643



Tritanomaly
69, 50.170, 17.751

Monochromacy



Original Color
69, 50.747, 14.980



Achromatopsia
69, 0.009, 296.813



Achromatomaly
68, 17.976, 10.662

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 50.747, 14.980 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, 130, 147)` looks like.

```
.text, #text, p{  
    color:rgb(255, 130, 147)  
}
```

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, 130, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 130, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 50.747, 14.980 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, 130, 147) }
```

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

```
.border{ border-color:rgb(255, 130, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 130, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 130, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 130, 147);  
box-shadow:4px 4px 4px 4px rgb(255, 130,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 50.747, 14.980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 130, 147) }
```

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

```
.background{ background-color: rgb(255,  
130, 147) }
```

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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