

Converting Colors

CIELCh(69, 49.880, 17.957)

Have a look what the booklet for
CIELCh(69, 49.880, 17.957) contains.

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Color

CIELCh(69, 50.170, 17.751)

Conversions

Conversions Part 1

Format	Color
Hex	FE838F
RGB	254, 131, 143
RGB Percent	100%, 51%, 56%
CMY	0.0034, 0.4858, 0.4388
CMYK	0.00, 0.48, 0.44, 0.00
HSL	354°, 99%, 76%
HSV	354°, 48%, 100%
XYZ	54.0176, 39.3444, 30.7770
YIQ	169.1450, 69.4560, 29.8080

Conversions

Conversions Part 2

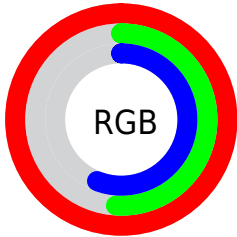
Format	Color
R_{YB}	254, 131, 143
Decimal	16679823
CIE _{Lab}	69.00, 47.78, 15.30
CIE _{LCh}	69, 50.170, 17.751
Yxy	39.3444, 0.4351, 0.3169
Android (android.graphics.Color)	4294869903 (0xFFFE838F)
YUV	169.1450, -12.8895, 74.4178
Hunter-Lab	62.7251, 43.9516, 14.8161

Details

The CIELCh color **69, 50.170, 17.751** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **93, 37.662, 187.518**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **82, 26.785, 9.296**, and **49, 50.514, 17.573** is the 20% darker color. If you saturate the color by 10%, you get **64, 61.445, 20.256**, and if you desaturate by 10%, it is **75, 38.916, 15.796**.

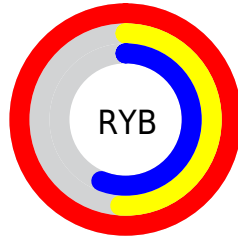
Distribution



Red (100%)

Green (51%)

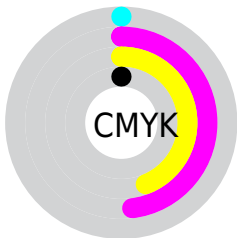
Blue (56%)



Red (100%)

Yellow (51%)

Blue (56%)

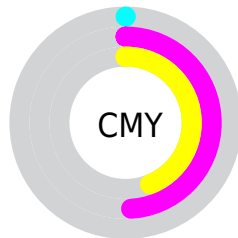


Cyan (0%)

Magenta (48%)

Yellow (44%)

Black (0%)



Cyan (0%)

Magenta (49%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 50.170, 17.751 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, 50.170, 17.751 by changing the saturation by 10% instead.

 69, 50.170, 17.751  69, 50.170, 17.751

 100, 50.170,
17.751  59, 50.170, 17.751

 89, 50.170, 17.751  49, 50.170, 17.751

 99, 50.170, 17.751  39, 50.170, 17.751

 29, 50.170, 17.751

 19, 50.170, 17.751

 9, 50.170, 17.751

 0, 50.170, 17.751

 69, 50.170, 17.751  69, 50.170, 17.751

 64, 61.445, 20.256  75, 38.916, 15.796

■ 60, 72.370, 23.435

■ 81, 27.990, 14.252

■ 56, 82.553, 27.354

■ 87, 17.576, 13.013

■ 54, 91.635, 31.851

■ 94, 7.765, 11.974

■ 53, 99.053, 36.251

100, 0.303,
201.576

■ 53, 100.070,
36.820

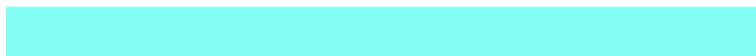
Harmonies

Complementary

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



69, 50.170, 17.751



93, 37.662, 187.518

Rectangle

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



69, 50.170, 17.751



69, 50.170, 67.751



69, 50.170, 197.751



69, 50.170, 247.751

Sweetspot

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



69, 50.167, 17.754



90, 14.206, 12.644



71, 73.909, 323.966



46, 9.759, 12.870



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, 50.167, 17.754



64, 61.164, 20.146



79, 41.587, 59.140



50, 5.287, 12.084



40, 80.097, 36.082



10, 32.619, 23.221

Inverse Universe

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



69, 50.167, 17.754



64, 61.164, 20.146



79, 32.790, 252.222



50, 5.287, 12.084



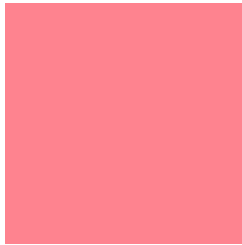
40, 80.097, 36.082



10, 32.619, 23.221

Previews

White Background



This preview shows how the CIELCh color 69, 50.170, 17.751 looks on a white background.

Color Contrast Check

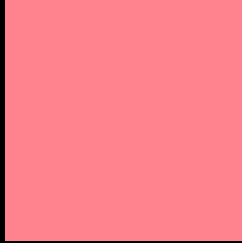
Large Text (above 18pt) WCAG AA × Fail

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, 50.170, 17.751 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, 50.170, 17.751

Background



This preview shows how black text looks on a background with the CIELCh color 69, 50.170, 17.751.

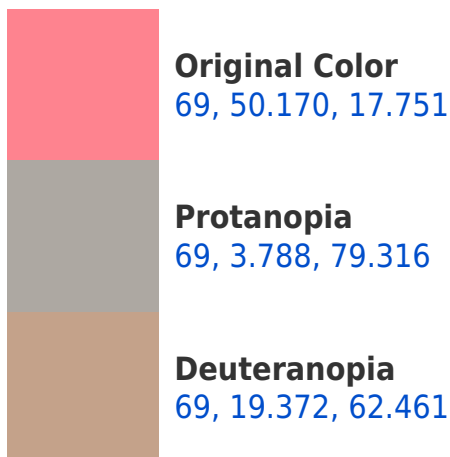


This preview shows how white text looks on a background with the CIELCh color 69, 50.170, 17.751.

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, 50.316, 18.971

Trichromacy



Original Color
69, 50.170, 17.751



Protanomaly
68, 19.180, 21.186



Deuteranomaly
69, 28.208, 33.987



Tritanomaly
69, 50.240, 18.362

Monochromacy



Original Color
69, 50.170, 17.751



Achromatopsia
69, 0.009, 296.813



Achromatomaly
68, 17.928, 12.388

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 50.170, 17.751 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, 131, 143)` looks like.

```
.text, #text, p{  
    color:rgb(254, 131, 143)  
}
```

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, 131, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 131, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 50.170, 17.751 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, 131, 143) }
```

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

```
.border{ border-color:rgb(254, 131, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 131, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 131, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 131, 143);  
box-shadow:4px 4px 4px 4px rgb(254, 131,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 50.170, 17.751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 131, 143) }
```

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

```
.background{ background-color: rgb(254,  
131, 143) }
```

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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