

Converting Colors

CIELCh(73, 37.317, 18.162)

Have a look what the booklet for
CIELCh(73, 37.317, 18.162) contains.

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Color

CIELCh(73, 36.913, 18.066)

Conversions

Conversions Part 1

Format	Color
Hex	F69AA0
RGB	246, 154, 160
RGB Percent	96%, 60%, 63%
CMY	0.0359, 0.3966, 0.3731
CMYK	0.00, 0.37, 0.35, 0.04
HSL	356°, 83%, 78%
HSV	356°, 37%, 96%
XYZ	55.8188, 45.1644, 38.9713
YIQ	182.1920, 52.9060, 21.3700

Conversions

Conversions Part 2

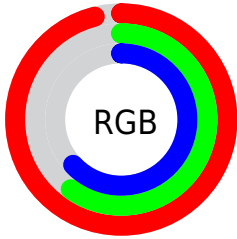
Format	Color
R _Y B	246, 154, 160
Decimal	16161440
CIE Lab	73.00, 35.09, 11.45
CIE LCh	73, 36.913, 18.066
Yxy	45.1644, 0.3988, 0.3227
Android (android.graphics.Color)	4294351520 (0xFFFF69AA0)
YUV	182.1920, -10.9407, 55.9596
Hunter-Lab	67.2044, 30.6511, 12.6613

Details

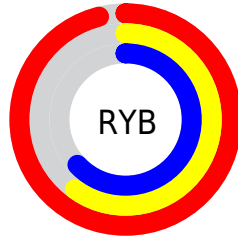
The CIELCh color **73, 36.913, 18.066** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **91, 29.275, 191.397**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 17.332, 10.391**, and **53, 36.931, 17.397** is the 20% darker color. If you saturate the color by 10%, you get **67, 48.021, 19.935**, and if you desaturate by 10%, it is **79, 26.217, 16.610**.

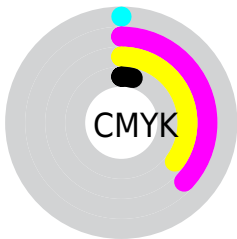
Distribution



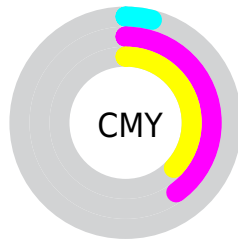
- Red (96%)
- Green (60%)
- Blue (63%)



- Red (96%)
- Yellow (60%)
- Blue (63%)



- Cyan (0%)
- Magenta (37%)
- Yellow (35%)
- Black (4%)



- Cyan (4%)
- Magenta (40%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 36.913, 18.066 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 73, 36.913, 18.066 by changing the saturation by 10% instead.

73, 36.913, 18.066

73, 36.913, 18.066

100, 36.913,
18.066

63, 36.913, 18.066

93, 36.913, 18.066

53, 36.913, 18.066

43, 36.913, 18.066

33, 36.913, 18.066

23, 36.913, 18.066

13, 36.913, 18.066

3, 36.913, 18.066

0, 36.913, 18.066

73, 36.913, 18.066

73, 36.913, 18.066

67, 48.021, 19.935

79, 26.217, 16.610

62, 59.286, 22.331

85, 16.096, 15.448

58, 70.350, 25.379

92, 6.614, 14.473

55, 80.810, 29.120

99, 2.224, 194.107

53, 90.201, 33.350

99, 3.166, 199.414

52, 97.636, 37.320

51, 99.136, 38.076

Harmonies

Complementary

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



73, 36.913, 18.066



91, 29.275, 191.397

Rectangle

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



73, 36.913, 18.066



73, 36.913, 68.066



73, 36.913, 198.066



73, 36.913, 248.066

Sweetspot

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



73, 36.910, 18.070



92, 10.241, 14.814



75, 56.760, 324.504



48, 6.914, 14.944



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 36.910, 18.070



71, 46.687, 19.459



82, 30.304, 63.726



48, 5.091, 14.669



39, 79.832, 37.464



8, 30.625, 22.387

Inverse Universe

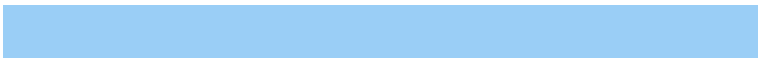
The Inverse Universe completely reimagines the original color for something new.



73, 36.910, 18.070



71, 46.687, 19.459



81, 25.992, 253.869



48, 5.091, 14.669



39, 79.832, 37.464



8, 30.625, 22.387

Previews

White Background



This preview shows how the CIELCh color 73, 36.913, 18.066 looks on a white background.

Color Contrast Check

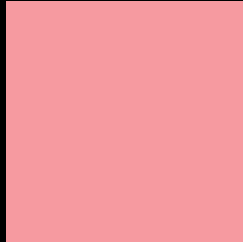
Large Text (above 18pt) WCAG AA × Fail

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 73, 36.913, 18.066 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 73, 36.913, 18.066

Background



This preview shows how black text looks on a background with the CIELCh color 73, 36.913, 18.066.

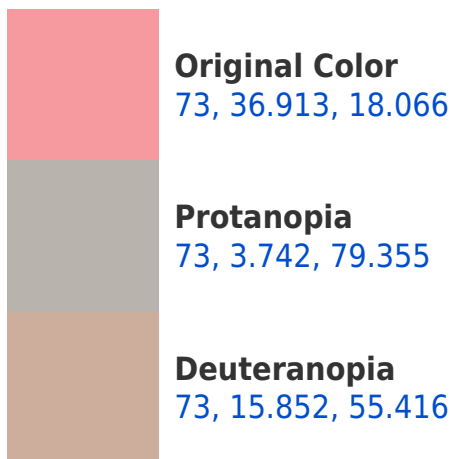


This preview shows how white text looks on a background with the CIELCh color 73, 36.913, 18.066.

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](#).

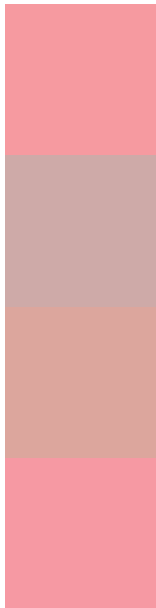
Dichromacy





Tritanopia
73, 37.216, 13.274

Trichromacy



Original Color
73, 36.913, 18.066

Protanomaly
73, 14.117, 24.950

Deuteranomaly
73, 22.376, 33.636

Tritanomaly
73, 37.231, 14.915

Monochromacy



Original Color
73, 36.913, 18.066

Achromatopsia
74, 0.009, 296.813

Achromatomaly
73, 12.770, 15.659

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 36.913, 18.066 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(246, 154, 160)` looks like.

```
.text, #text, p{  
    color:rgb(246, 154, 160)  
}
```

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(246, 154, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 154, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 36.913, 18.066 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(246, 154, 160) }
```

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

```
.border{ border-color:rgb(246, 154, 160) }
```

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

Here you see how a box with a 4 pixel rgb(246, 154, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 154, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 154, 160);  
box-shadow:4px 4px 4px 4px rgb(246, 154,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 36.913, 18.066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 154, 160) }
```

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

```
.background{ background-color: rgb(246,  
154, 160) }
```

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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