

Converting Colors

CIELCh(73, 39.054, 34.943)

Have a look what the booklet for
CIELCh(73, 39.054, 34.943) contains.

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Color

CIELCh(73, 38.943, 35.219)

Conversions

Conversions Part 1

Format	Color
Hex	F69C8C
RGB	246, 156, 140
RGB Percent	96%, 61%, 55%
CMY	0.0361, 0.3889, 0.4516
CMYK	0.00, 0.37, 0.43, 0.04
HSL	9°, 85%, 76%
HSV	9°, 43%, 96%
XYZ	54.5178, 45.1644, 30.5902
YIQ	181.0860, 58.7760, 14.1040

Conversions

Conversions Part 2

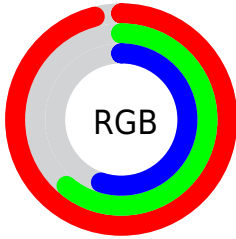
Format	Color
R _Y B	246, 159, 140
Decimal	16161932
CIE Lab	73.00, 31.81, 22.46
CIE LCh	73, 38.943, 35.219
Yxy	45.1644, 0.4185, 0.3467
Android (android.graphics.Color)	4294352012 (0xFFFF69C8C)
YUV	181.0860, -20.2554, 56.9296
Hunter-Lab	67.2044, 27.1956, 20.0555

Details

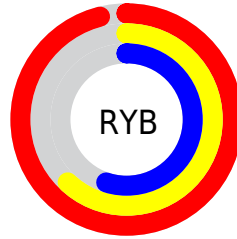
The CIELCh color **73, 38.943, 35.219** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **86, 28.066, 215.289**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 19.200, 47.667**, and **53, 38.878, 35.376** is the 20% darker color. If you saturate the color by 10%, you get **68, 49.882, 36.111**, and if you desaturate by 10%, it is **78, 28.700, 34.608**.

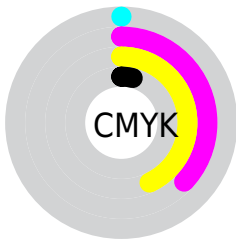
Distribution



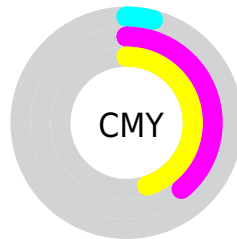
- Red (96%)
- Green (61%)
- Blue (55%)



- Red (96%)
- Yellow (62%)
- Blue (55%)



- Cyan (0%)
- Magenta (37%)
- Yellow (43%)
- Black (4%)



- Cyan (4%)
- Magenta (39%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 38.943, 35.219 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, 38.943, 35.219 by changing the saturation by 10% instead.

73, 38.943, 35.219

73, 38.943, 35.219

100, 38.943,
35.219

63, 38.943, 35.219

93, 38.943, 35.219

53, 38.943, 35.219

43, 38.943, 35.219

33, 38.943, 35.219

23, 38.943, 35.219

13, 38.943, 35.219

3, 38.943, 35.219

0, 38.943, 35.219

73, 38.943, 35.219

73, 38.943, 35.219

68, 49.882, 36.111

78, 28.700, 34.608

64, 61.384, 37.309

84, 19.205, 34.212

60, 73.146, 38.797

89, 10.445, 33.975

56, 84.524, 40.389

95, 2.377, 33.689

54, 94.088, 41.527

99, 3.181, 199.412

53, 98.816, 41.844

Harmonies

Complementary

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



73, 38.943, 35.219



86, 28.066, 215.289

Rectangle

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



73, 38.943, 35.219



73, 38.943, 85.219



73, 38.943, 215.219



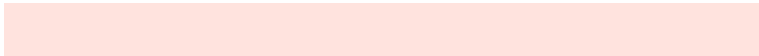
73, 38.943, 265.219

Sweetspot

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



73, 38.941, 35.223



92, 10.665, 33.973



72, 59.598, 331.527



48, 7.532, 34.016



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, 38.941, 35.223



71, 50.123, 36.008



85, 39.168, 84.022



48, 4.444, 33.909



40, 79.823, 42.169



10, 28.192, 33.097

Inverse Universe

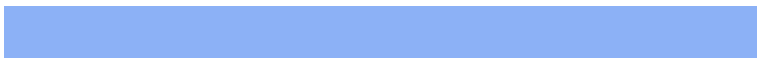
The Inverse Universe completely reimagines the original color for something new.



86, 28.066, 215.289



87, 33.226, 216.046



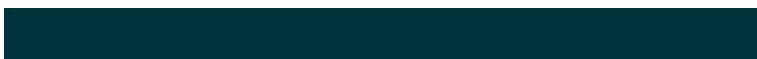
72, 38.525, 277.371



50, 4.180, 214.098



60, 34.401, 224.889



18, 15.382, 220.617

Previews

White Background



This preview shows how the CIELCh color 73, 38.943, 35.219 looks on a white background.

Color Contrast Check

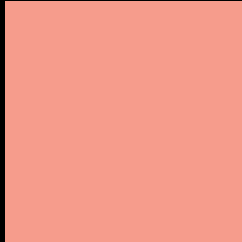
Large Text (above 18pt) WCAG AA × Fail

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 73, 38.943, 35.219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

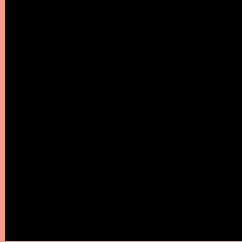
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 38.943, 35.219

Background



This preview shows how black text looks on a background with the CIELCh color 73, 38.943, 35.219.

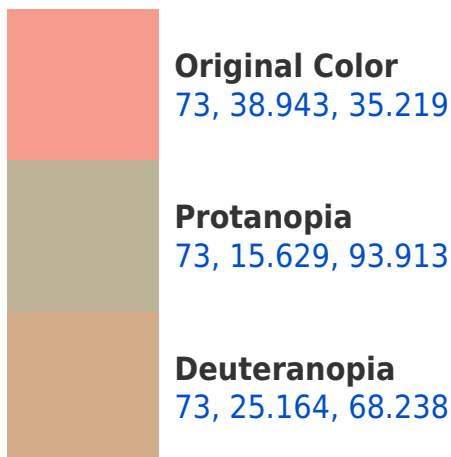


This preview shows how white text looks on a background with the CIELCh color 73, 38.943, 35.219.

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, 38.440, 13.742

Trichromacy



Original Color
73, 38.943, 35.219

Protanomaly
73, 20.732, 58.759

Deuteranomaly
73, 28.973, 52.108

Tritanomaly
73, 38.035, 21.480

Monochromacy



Original Color
73, 38.943, 35.219

Achromatopsia
74, 0.009, 296.813

Achromatomaly
73, 13.369, 34.383

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 38.943, 35.219 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, 156, 140)` looks like.

```
.text, #text, p{  
    color:rgb(246, 156, 140)  
}
```

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, 156, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 156, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 38.943, 35.219 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, 156, 140) }
```

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

```
.border{ border-color:rgb(246, 156, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 156, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 156, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 156, 140);  
box-shadow:4px 4px 4px 4px rgb(246, 156,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 38.943, 35.219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 156, 140) }
```

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

```
.background{ background-color: rgb(246,  
156, 140) }
```

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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