

Converting Colors

CIELCh(72, 46.353, 32.139)

Have a look what the booklet for
CIELCh(72, 46.353, 32.139) contains.

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Color

CIELCh(72, 46.353, 32.139)

Conversions

Conversions Part 1

Format	Color
Hex	FF9386
RGB	255, 147, 134
RGB Percent	100%, 58%, 53%
CMY	0.0015, 0.4248, 0.4758
CMYK	0.00, 0.42, 0.47, 0.00
HSL	6°, 99%, 76%
HSV	6°, 47%, 100%
XYZ	55.7574, 43.6590, 27.9224
YIQ	177.8100, 68.5410, 18.8530

Conversions

Conversions Part 2

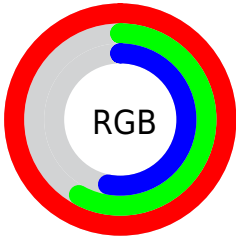
Format	Color
R _Y B	255, 149, 134
Decimal	16749446
CIE Lab	72.00, 39.25, 24.66
CIE LCh	72, 46.353, 32.139
Yxy	43.6590, 0.4379, 0.3429
Android (android.graphics.Color)	4294939526 (0xFFFF9386)
YUV	177.8100, -21.5983, 67.6956
Hunter-Lab	66.0750, 34.9960, 21.1973

Details

The CIELCh color **72, 46.353, 32.139** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **90, 32.052, 209.782**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **86, 22.189, 41.317**, and **52, 46.667, 32.132** is the 20% darker color. If you saturate the color by 10%, you get **67, 58.123, 33.538**, and if you desaturate by 10%, it is **77, 35.193, 31.102**.

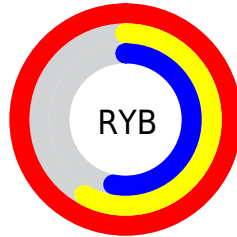
Distribution



Red (100%)

Green (58%)

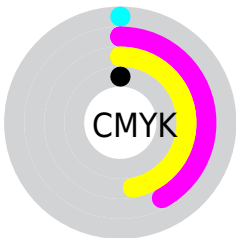
Blue (53%)



Red (100%)

Yellow (58%)

Blue (53%)

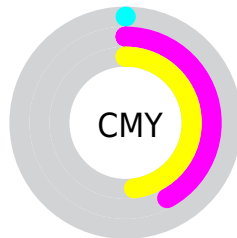


Cyan (0%)

Magenta (42%)

Yellow (47%)

Black (0%)



Cyan (0%)

Magenta (42%)

Yellow (48%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 46.353, 32.139 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 72, 46.353, 32.139 by changing the saturation by 10% instead.

 72, 46.353, 32.139

 72, 46.353, 32.139

 100, 46.353,
32.139

 62, 46.353, 32.139

 92, 46.353, 32.139

 52, 46.353, 32.139

 42, 46.353, 32.139

 32, 46.353, 32.139

 22, 46.353, 32.139

 12, 46.353, 32.139

 2, 46.353, 32.139

 0, 46.353, 32.139

 72, 46.353, 32.139

 72, 46.353, 32.139

■ 67, 58.123, 33.538

■ 77, 35.193, 31.102

■ 63, 70.268, 35.324

■ 83, 24.769, 30.351

■ 59, 82.321, 37.432

■ 89, 15.115, 29.821

■ 56, 93.310, 39.516

■ 95, 6.212, 29.419

■ 54, 101.231,
40.742

100, 0.135,
204.313

■ 54, 102.765,
41.021

Harmonies

Complementary

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



72, 46.353, 32.139



90, 32.052, 209.782

Rectangle

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



72, 46.353, 32.139



72, 46.353, 82.139



72, 46.353, 212.139



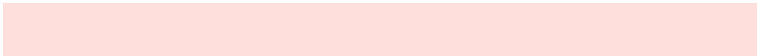
72, 46.353, 262.139

Sweetspot

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



72, 46.351, 32.143



91, 11.931, 29.673



73, 69.319, 330.061



47, 8.311, 29.762



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 46.351, 32.143



67, 57.596, 33.460



86, 43.188, 78.986



50, 4.755, 29.499



41, 82.554, 41.266



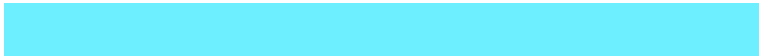
11, 31.366, 32.441

Inverse Universe

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



90, 32.052, 209.782



88, 36.389, 210.319



73, 40.947, 274.339



52, 4.468, 209.312



64, 35.752, 215.749



21, 16.607, 213.140

Previews

White Background



This preview shows how the CIELCh color 72, 46.353, 32.139 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 72, 46.353, 32.139 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 72, 46.353, 32.139

Background



This preview shows how black text looks on a background with the CIELCh color 72, 46.353, 32.139.

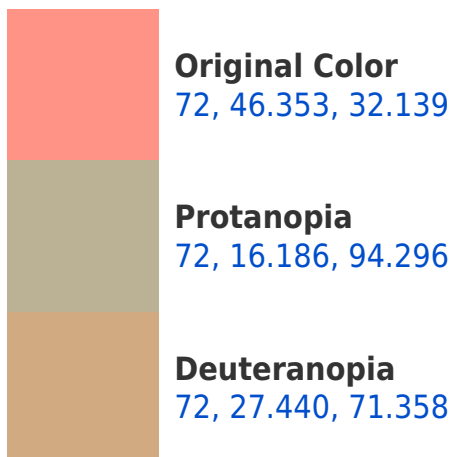


This preview shows how white text looks on a background with the CIELCh color 72, 46.353, 32.139.

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
72, 44.775, 16.618

Trichromacy



Original Color
72, 46.353, 32.139

Protanomaly
72, 22.933, 53.291

Deuteranomaly
72, 32.392, 51.996

Tritanomaly
72, 44.998, 22.585

Monochromacy



Original Color
72, 46.353, 32.139

Achromatopsia
72, 0.009, 296.813

Achromatomaly
71, 15.712, 30.572

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 46.353, 32.139 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, 147, 134)` looks like.

```
.text, #text, p{  
    color:rgb(255, 147, 134)  
}
```

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, 147, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 147, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 46.353, 32.139 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, 147, 134) }
```

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

```
.border{ border-color:rgb(255, 147, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 147, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 147, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 147, 134);  
box-shadow:4px 4px 4px 4px rgb(255, 147,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 46.353, 32.139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 147, 134) }
```

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

```
.background{ background-color: rgb(255,  
147, 134) }
```

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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