

Converting Colors

CIELCh(72, 42.647, 22.416)

Have a look what the booklet for
CIELCh(72, 42.647, 22.416) contains.

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Color

CIELCh(72, 42.842, 22.254)

Conversions

Conversions Part 1

Format	Color
Hex	FC9395
RGB	252, 147, 149
RGB Percent	99%, 58%, 58%
CMY	0.0124, 0.4240, 0.4162
CMYK	0.00, 0.42, 0.41, 0.01
HSL	359°, 94%, 78%
HSV	359°, 42%, 99%
XYZ	55.9178, 43.6590, 33.8596
YIQ	178.6230, 61.9380, 22.8820

Conversions

Conversions Part 2

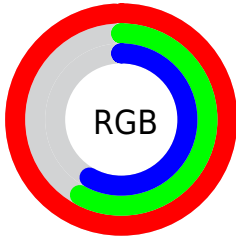
Format	Color
R _Y B	252, 147, 149
Decimal	16552853
CIE Lab	72.00, 39.65, 16.22
CIE LCh	72, 42.842, 22.254
Yxy	43.6590, 0.4191, 0.3272
Android (android.graphics.Color)	4294742933 (0xFFFC9395)
YUV	178.6230, -14.6041, 64.3516
Hunter-Lab	66.0750, 35.4293, 15.8698

Details

The CIELCh color **72, 42.842, 22.254** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **93, 32.072, 195.556**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **86, 20.052, 19.453**, and **52, 42.838, 22.353** is the 20% darker color. If you saturate the color by 10%, you get **66, 54.631, 24.256**, and if you desaturate by 10%, it is **78, 31.493, 20.720**.

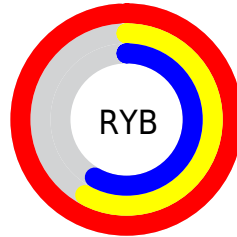
Distribution



Red (99%)

Green (58%)

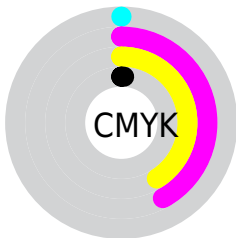
Blue (58%)



Red (99%)

Yellow (58%)

Blue (58%)

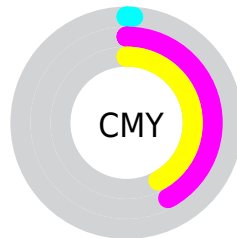


Cyan (0%)

Magenta (42%)

Yellow (41%)

Black (1%)



Cyan (1%)

Magenta (42%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 42.842, 22.254 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, 42.842, 22.254 by changing the saturation by 10% instead.

 72, 42.842, 22.254

 72, 42.842, 22.254

 100, 42.842,
22.254

 62, 42.842, 22.254

 92, 42.842, 22.254

 52, 42.842, 22.254

 42, 42.842, 22.254

 32, 42.842, 22.254

 22, 42.842, 22.254

 12, 42.842, 22.254

 2, 42.842, 22.254

 0, 42.842, 22.254

 72, 42.842, 22.254

 72, 42.842, 22.254

66, 54.631, 24.256

78, 31.493, 20.720

62, 66.566, 26.833

84, 20.777, 19.531

58, 78.235, 30.053

91, 10.774, 18.588

55, 89.086, 33.787

98, 1.494, 17.493

53, 98.072, 37.427

100, 1.095,
199.941

53, 102.839,
39.468

Harmonies

Complementary

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



72, 42.842, 22.254



93, 32.072, 195.556

Rectangle

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



72, 42.842, 22.254



72, 42.842, 72.254



72, 42.842, 202.254



72, 42.842, 252.254

Sweetspot

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



72, 42.839, 22.258



91, 12.173, 18.703



75, 64.662, 325.692



47, 8.591, 18.900



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, 42.839, 22.258



68, 53.165, 23.890



83, 35.107, 66.745



49, 5.166, 18.401



39, 82.530, 39.241



9, 32.055, 25.381

Inverse Universe

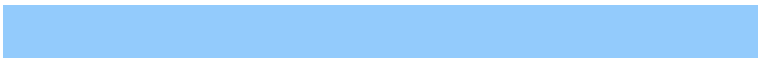
The Inverse Universe completely reimagines the original color for something new.



72, 42.839, 22.258



68, 53.165, 23.890



80, 30.301, 258.975



49, 5.166, 18.401



39, 82.530, 39.241



9, 32.055, 25.381

Previews

White Background



This preview shows how the CIELCh color 72, 42.842, 22.254 looks on a white background.

Color Contrast Check

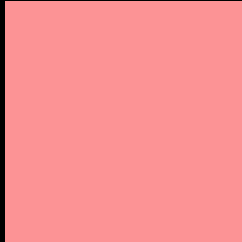
Large Text (above 18pt) WCAG AA × Fail

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, 42.842, 22.254 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, 42.842, 22.254

Background



This preview shows how black text looks on a background with the CIELCh color 72, 42.842, 22.254.

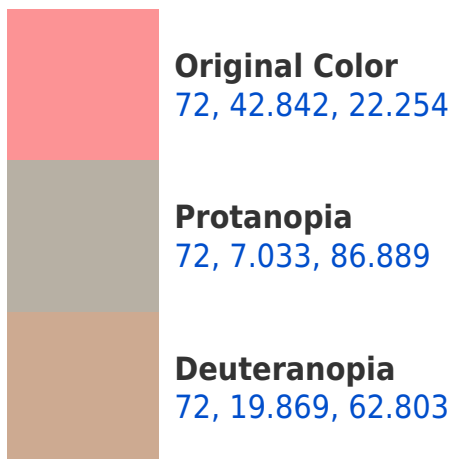


This preview shows how white text looks on a background with the CIELCh color 72, 42.842, 22.254.

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](#).

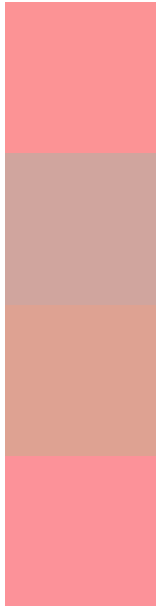
Dichromacy





Tritanopia
72, 42.729, 16.692

Trichromacy



Original Color
72, 42.842, 22.254

Protanomaly
71, 17.635, 33.174

Deuteranomaly
72, 26.396, 40.327

Tritanomaly
72, 42.890, 18.827

Monochromacy



Original Color
72, 42.842, 22.254

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 14.860, 20.691

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 42.842, 22.254 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(252, 147, 149)` looks like.

```
.text, #text, p{  
    color:rgb(252, 147, 149)  
}
```

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(252, 147, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 147, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 42.842, 22.254 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(252, 147, 149) }
```

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

```
.border{ border-color:rgb(252, 147, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 147, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 147, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 147, 149);  
box-shadow:4px 4px 4px 4px rgb(252, 147,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 42.842, 22.254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 147, 149) }
```

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

```
.background{ background-color: rgb(252,  
147, 149) }
```

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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