

Converting Colors

CIELCh(73, 43.738, 23.042)

Have a look what the booklet for
CIELCh(73, 43.738, 23.042) contains.

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Color

CIELCh(73, 43.248, 22.949)

Conversions

Conversions Part 1

Format	Color
Hex	FF9596
RGB	255, 149, 150
RGB Percent	100%, 58%, 59%
CMY	0.0000, 0.4142, 0.4104
CMYK	0.00, 0.41, 0.41, 0.00
HSL	359°, 100%, 79%
HSV	359°, 41%, 100%
XYZ	57.7327, 45.1644, 34.6803
YIQ	180.8080, 62.8550, 22.7830

Conversions

Conversions Part 2

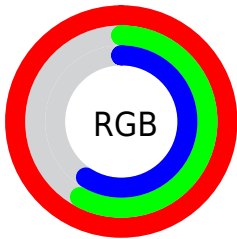
Format	Color
R_{YB}	255, 149, 150
Decimal	16749974
CIE _{Lab}	73.00, 39.83, 16.86
CIE _{LCh}	73, 43.248, 22.949
Yxy	45.1644, 0.4196, 0.3283
Android (android.graphics.Color)	4294940054 (0xFFFF9596)
YUV	180.8080, -15.1883, 65.0664
Hunter-Lab	67.2044, 35.7345, 16.4470

Details

The CIELCh color **73, 43.248, 22.949** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **94, 32.129, 196.526**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **86, 19.269, 20.851**, and **53, 43.262, 23.070** is the 20% darker color. If you saturate the color by 10%, you get **67, 55.058, 24.899**, and if you desaturate by 10%, it is **79, 31.574, 21.426**.

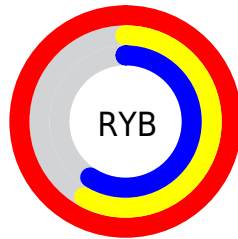
Distribution



Red (100%)

Green (58%)

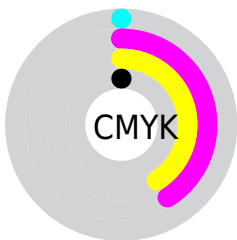
Blue (59%)



Red (100%)

Yellow (58%)

Blue (59%)

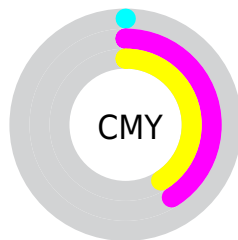


Cyan (0%)

Magenta (41%)

Yellow (41%)

Black (0%)



Cyan (0%)

Magenta (41%)

Yellow (41%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 43.248, 22.949 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, 43.248, 22.949 by changing the saturation by 10% instead.

 73, 43.248, 22.949

 73, 43.248, 22.949

 100, 43.248,
22.949

 63, 43.248, 22.949

 93, 43.248, 22.949

 53, 43.248, 22.949

 43, 43.248, 22.949

 33, 43.248, 22.949

 23, 43.248, 22.949

 13, 43.248, 22.949

 3, 43.248, 22.949

 0, 43.248, 22.949

 73, 43.248, 22.949

 73, 43.248, 22.949

67, 55.058, 24.899

79, 31.574, 21.426

62, 67.222, 27.438

85, 20.733, 20.266

59, 79.148, 30.610

92, 10.631, 19.350

56, 90.244, 34.268

99, 1.273, 18.202

54, 99.351, 37.767

100, 0.012,
296.813

53, 104.203,
39.742

Harmonies

Complementary

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



73, 43.248, 22.949



94, 32.129, 196.526

Rectangle

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



73, 43.248, 22.949



73, 43.248, 72.949



73, 43.248, 202.949



73, 43.248, 252.949

Sweetspot

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



73, 43.075, 22.933



92, 11.196, 19.398



76, 65.164, 326.173



48, 7.464, 19.509



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, 43.075, 22.933



68, 53.337, 24.587



84, 35.384, 68.492



49, 5.253, 19.191



40, 83.802, 39.631



10, 33.289, 26.807

Inverse Universe

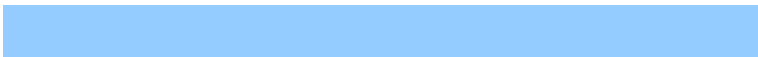
The Inverse Universe completely reimagines the original color for something new.



73, 43.075, 22.933



68, 53.337, 24.587



80, 30.974, 260.874



49, 5.253, 19.191



40, 83.802, 39.631



10, 33.289, 26.807

Previews

White Background



This preview shows how the CIELCh color 73, 43.248, 22.949 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, 43.248, 22.949 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, 43.248, 22.949

Background



This preview shows how black text looks on a background with the CIELCh color 73, 43.248, 22.949.

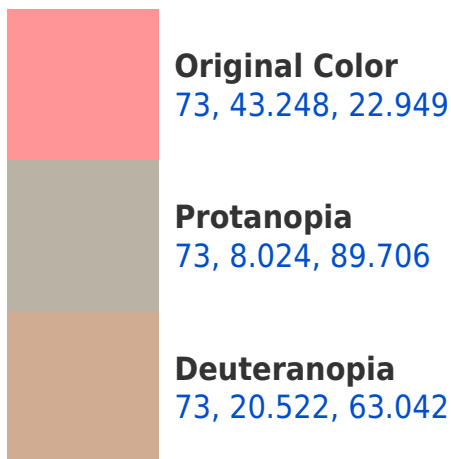


This preview shows how white text looks on a background with the CIELCh color 73, 43.248, 22.949.

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](#).

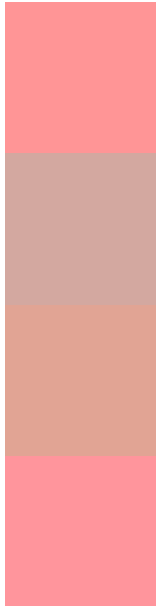
Dichromacy





Tritanopia
73, 42.992, 16.036

Trichromacy



Original Color
73, 43.248, 22.949

Protanomaly
72, 17.733, 34.814

Deuteranomaly
73, 26.720, 40.057

Tritanomaly
73, 42.741, 18.741

Monochromacy



Original Color
73, 43.248, 22.949

Achromatopsia
74, 0.009, 296.813

Achromatomaly
73, 14.806, 20.668

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 43.248, 22.949 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, 149, 150)` looks like.

```
.text, #text, p{  
    color:rgb(255, 149, 150)  
}
```

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, 149, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 149, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 43.248, 22.949 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, 149, 150) }
```

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

```
.border{ border-color:rgb(255, 149, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 149, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 149, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 149, 150);  
box-shadow:4px 4px 4px 4px rgb(255, 149,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 43.248, 22.949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 149, 150) }
```

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

```
.background{ background-color: rgb(255,  
149, 150) }
```

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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