

Converting Colors

CIELCh(73, 42.939, 21.388)

Have a look what the booklet for
CIELCh(73, 42.939, 21.388) contains.

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Color

CIELCh(73, 42.962, 20.858)

Conversions

Conversions Part 1

Format	Color
Hex	FF9599
RGB	255, 149, 153
RGB Percent	100%, 58%, 60%
CMY	0.0000, 0.4149, 0.3993
CMYK	0.00, 0.41, 0.40, 0.00
HSL	358°, 100%, 79%
HSV	358°, 41%, 100%
XYZ	57.8643, 45.1644, 35.8870
YIQ	181.1500, 61.8920, 23.7160

Conversions

Conversions Part 2

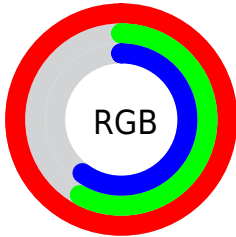
Format	Color
RYB	255, 149, 153
Decimal	16749977
CIELab	73.00, 40.15, 15.30
CIELCh	73, 42.962, 20.858
Yxy	45.1644, 0.4165, 0.3251
Android (android.graphics.Color)	4294940057 (0xFFFF9599)
YUV	181.1500, -13.8779, 64.7665
Hunter-Lab	67.2044, 36.0840, 15.3824

Details

The CIELCh color **73, 42.962, 20.858** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **94, 32.488, 193.744**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **86, 19.216, 16.231**, and **53, 42.901, 20.853** is the 20% darker color. If you saturate the color by 10%, you get **67, 54.627, 22.876**, and if you desaturate by 10%, it is **79, 31.518, 19.277**.

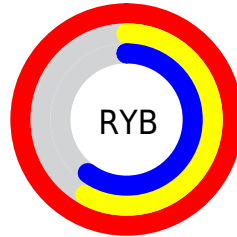
Distribution



Red (100%)

Green (58%)

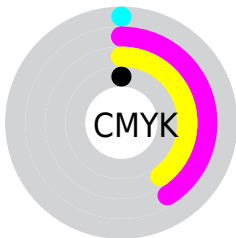
Blue (60%)



Red (100%)

Yellow (58%)

Blue (60%)

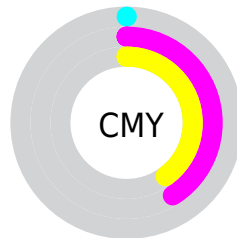


Cyan (0%)

Magenta (41%)

Yellow (40%)

Black (0%)



Cyan (0%)

Magenta (41%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 42.962, 20.858 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, 42.962, 20.858 by changing the saturation by 10% instead.

 73, 42.962, 20.858

 73, 42.962, 20.858

 100, 42.962,
20.858

 63, 42.962, 20.858

 93, 42.962, 20.858

 53, 42.962, 20.858

 43, 42.962, 20.858

 33, 42.962, 20.858

 23, 42.962, 20.858

 13, 42.962, 20.858

 3, 42.962, 20.858

 0, 42.962, 20.858

 73, 42.962, 20.858

 73, 42.962, 20.858

67, 54.627, 22.876

79, 31.518, 19.277

63, 66.482, 25.487

85, 20.764, 18.052

59, 78.031, 28.763

92, 10.698, 17.070

56, 88.781, 32.617

99, 1.337, 15.884

54, 97.891, 36.541

100, 0.012,
296.813

53, 103.131,
38.979

Harmonies

Complementary

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



73, 42.962, 20.858



94, 32.488, 193.744

Rectangle

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



73, 42.962, 20.858



73, 42.962, 70.858



73, 42.962, 200.858



73, 42.962, 250.858

Sweetspot

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



73, 42.870, 20.846



92, 11.195, 17.116



75, 64.797, 325.189



48, 7.462, 17.236



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, 42.870, 20.846



68, 52.862, 22.540



84, 35.150, 65.029



49, 5.255, 16.893



40, 82.599, 38.552



10, 33.060, 25.668

Inverse Universe

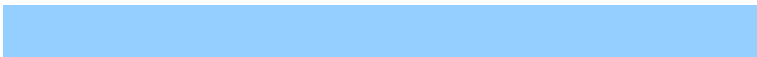
The Inverse Universe completely reimagines the original color for something new.



73, 42.870, 20.846



68, 52.862, 22.540



81, 29.958, 256.914



49, 5.255, 16.893



40, 82.599, 38.552



10, 33.060, 25.668

Previews

White Background



This preview shows how the CIELCh color 73, 42.962, 20.858 looks on a white background.

Color Contrast Check

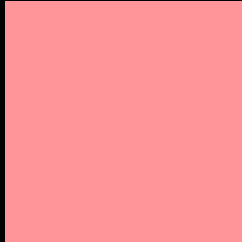
Large Text (above 18pt) WCAG AA × Fail

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, 42.962, 20.858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

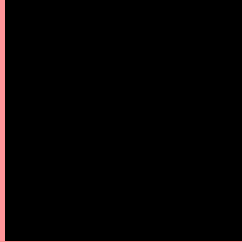
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 42.962, 20.858

Background



This preview shows how black text looks on a background with the CIELCh color 73, 42.962, 20.858.

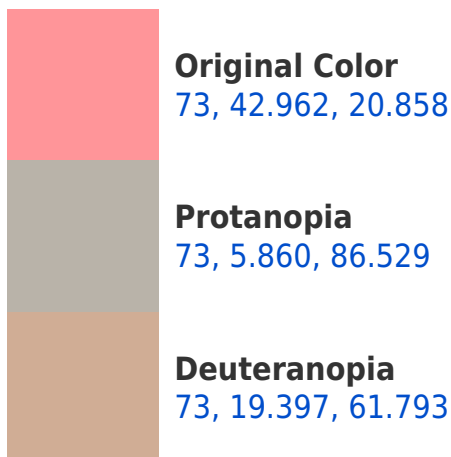


This preview shows how white text looks on a background with the CIELCh color 73, 42.962, 20.858.

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, 42.586, 16.604

Trichromacy



Original Color
73, 42.962, 20.858



Protanomaly
72, 16.873, 29.948



Deuteranomaly
73, 26.046, 36.907



Tritanomaly
73, 42.682, 18.030

Monochromacy



Original Color
73, 42.962, 20.858



Achromatopsia
74, 0.009, 296.813



Achromatomaly
73, 15.190, 16.669

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 42.962, 20.858 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, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 149, 153)  
}
```

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, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 149, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 42.962, 20.858 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, 153) }
```

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

```
.border{ border-color:rgb(255, 149, 153) }
```

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, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 149, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 149, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 149,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 42.962, 20.858 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, 153) }
```

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

```
.background{ background-color: rgb(255,  
149, 153) }
```

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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