

Converting Colors

CIELCh(71, 47.151, 22.637)

Have a look what the booklet for
CIELCh(71, 47.151, 22.637) contains.

CIELCh(71, 47.219, 22.373)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(71, 47.219, 22.373)

Conversions

Conversions Part 1

Format	Color
Hex	FF8C8F
RGB	255, 140, 143
RGB Percent	100%, 55%, 56%
CMY	0.0000, 0.4496, 0.4379
CMYK	0.00, 0.45, 0.44, 0.00
HSL	358°, 100%, 78%
HSV	358°, 45%, 100%
XYZ	55.7991, 42.1875, 31.3225
YIQ	174.7270, 67.5770, 25.3130

Conversions

Conversions Part 2

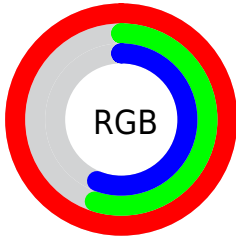
Format	Color
R _Y B	255, 140, 143
Decimal	16747663
CIE Lab	71.00, 43.66, 17.97
CIE LCh	71, 47.219, 22.373
Yxy	42.1875, 0.4315, 0.3263
Android (android.graphics.Color)	4294937743 (0xFFFF8C8F)
YUV	174.7270, -15.6414, 70.3994
Hunter-Lab	64.9519, 39.6805, 16.8742

Details

The CIELCh color **71, 47.219, 22.373** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **94, 34.468, 194.708**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **84, 22.910, 18.619**, and **51, 47.300, 22.305** is the 20% darker color. If you saturate the color by 10%, you get **66, 58.989, 24.547**, and if you desaturate by 10%, it is **77, 35.462, 20.660**.

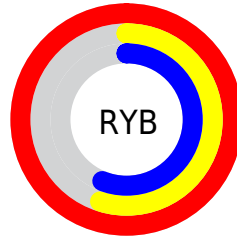
Distribution



Red (100%)

Green (55%)

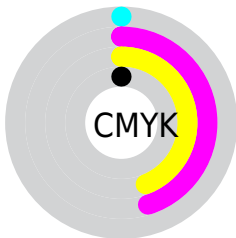
Blue (56%)



Red (100%)

Yellow (55%)

Blue (56%)

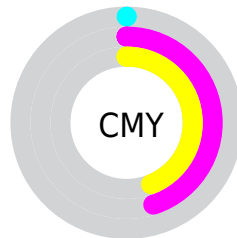


Cyan (0%)

Magenta (45%)

Yellow (44%)

Black (0%)



Cyan (0%)

Magenta (45%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 47.219, 22.373 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 71, 47.219, 22.373 by changing the saturation by 10% instead.

71, 47.219, 22.373

71, 47.219, 22.373

100, 47.219,
22.373

61, 47.219, 22.373

91, 47.219, 22.373

51, 47.219, 22.373

41, 47.219, 22.373

31, 47.219, 22.373

21, 47.219, 22.373

11, 47.219, 22.373

1, 47.219, 22.373

0, 47.219, 22.373

71, 47.219, 22.373

71, 47.219, 22.373

66, 58.989, 24.547

77, 35.462, 20.660

61, 70.925, 27.356

83, 24.441, 19.352

57, 82.419, 30.809

90, 14.110, 18.323

55, 92.852, 34.679

97, 4.502, 17.431

54, 100.936,
38.163

100, 0.012,
296.813

53, 103.562,
39.289

Harmonies

Complementary

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



71, 47.219, 22.373



94, 34.468, 194.708

Rectangle

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



71, 47.219, 22.373



71, 47.219, 72.373



71, 47.219, 202.373



71, 47.219, 252.373

Sweetspot

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



71, 47.054, 22.353



91, 12.172, 18.146



74, 70.101, 325.841



47, 8.589, 18.346



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 47.054, 22.353



66, 57.840, 24.312



83, 38.585, 66.352



49, 5.253, 17.840



40, 83.077, 38.989



10, 33.153, 26.139

Inverse Universe

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



71, 47.054, 22.353



66, 57.840, 24.312



79, 32.870, 259.818



49, 5.253, 17.840



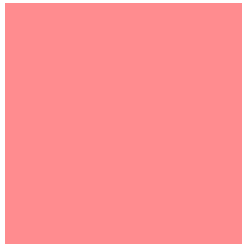
40, 83.077, 38.989



10, 33.153, 26.139

Previews

White Background



This preview shows how the CIELCh color 71, 47.219, 22.373 looks on a white background.

Color Contrast Check

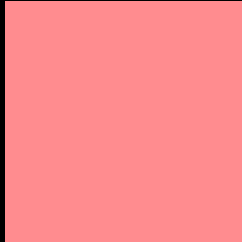
Large Text (above 18pt) WCAG AA × Fail

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 71, 47.219, 22.373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

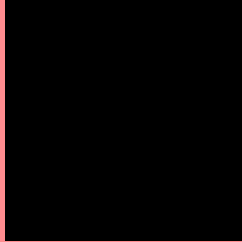
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 47.219, 22.373

Background



This preview shows how black text looks on a background with the CIELCh color 71, 47.219, 22.373.

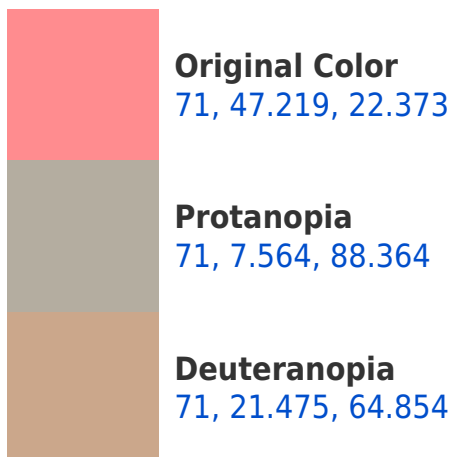


This preview shows how white text looks on a background with the CIELCh color 71, 47.219, 22.373.

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](#).

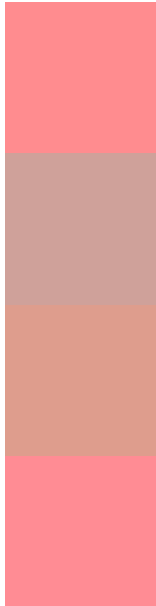
Dichromacy





Tritanopia
71, 46.626, 17.847

Trichromacy



Original Color
71, 47.219, 22.373

Protanomaly
70, 18.945, 32.486

Deuteranomaly
71, 28.615, 39.105

Tritanomaly
71, 46.762, 19.152

Monochromacy



Original Color
71, 47.219, 22.373

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 16.538, 19.018

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 47.219, 22.373 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, 140, 143)` looks like.

```
.text, #text, p{  
    color:rgb(255, 140, 143)  
}
```

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, 140, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 140, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 47.219, 22.373 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, 140, 143) }
```

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

```
.border{ border-color:rgb(255, 140, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 140, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 140, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 140, 143);  
box-shadow:4px 4px 4px 4px rgb(255, 140,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 47.219, 22.373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 140, 143) }
```

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

```
.background{ background-color: rgb(255,  
140, 143) }
```

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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