

Converting Colors

CIELCh(71, 46.436, 24.094)

Have a look what the booklet for
CIELCh(71, 46.436, 24.094) contains.

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Color

CIELCh(71, 46.568, 23.513)

Conversions

Conversions Part 1

Format	Color
Hex	FE8D8E
RGB	254, 141, 142
RGB Percent	100%, 55%, 56%
CMY	0.0030, 0.4462, 0.4423
CMYK	0.00, 0.44, 0.44, 0.00
HSL	359°, 99%, 78%
HSV	359°, 44%, 100%
XYZ	55.4149, 42.1875, 30.8936
YIQ	174.9010, 67.0270, 24.2670

Conversions

Conversions Part 2

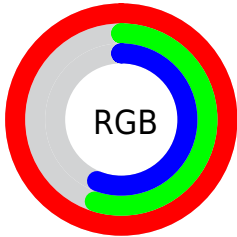
Format	Color
RYB	254, 141, 142
Decimal	16682382
CIELab	71.00, 42.70, 18.58
CIELCh	71, 46.568, 23.513
Yxy	42.1875, 0.4313, 0.3283
Android (android.graphics.Color)	4294872462 (0xFFFE8D8E)
YUV	174.9010, -16.2202, 69.3698
Hunter-Lab	64.9519, 38.6246, 17.2658

Details

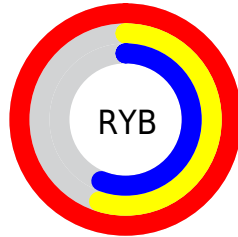
The CIELCh color **71, 46.568, 23.513** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **93, 33.880, 196.459**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **84, 22.567, 21.166**, and **51, 46.663, 23.411** is the 20% darker color. If you saturate the color by 10%, you get **66, 58.616, 25.643**, and if you desaturate by 10%, it is **77, 34.918, 21.884**.

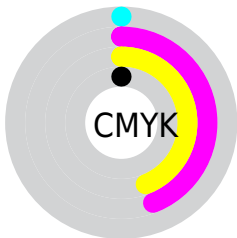
Distribution



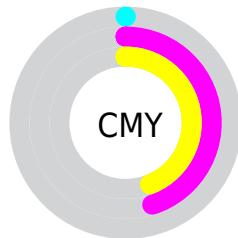
- Red (100%)
- Green (55%)
- Blue (56%)



- Red (100%)
- Yellow (55%)
- Blue (56%)



- Cyan (0%)
- Magenta (44%)
- Yellow (44%)
- Black (0%)



- Cyan (0%)
- Magenta (45%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 46.568, 23.513 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, 46.568, 23.513 by changing the saturation by 10% instead.

71, 46.568, 23.513

71, 46.568, 23.513

100, 46.568,
23.513

61, 46.568, 23.513

91, 46.568, 23.513

51, 46.568, 23.513

41, 46.568, 23.513

31, 46.568, 23.513

21, 46.568, 23.513

11, 46.568, 23.513

1, 46.568, 23.513

0, 46.568, 23.513

71, 46.568, 23.513

71, 46.568, 23.513

■ 66, 58.616, 25.643

■ 77, 34.918, 21.884

■ 61, 70.735, 28.371

■ 83, 23.889, 20.632

■ 57, 82.465, 31.717

■ 90, 13.584, 19.655

■ 55, 93.109, 35.422

■ 97, 4.025, 18.798

■ 53, 101.172,
38.619

100, 0.264,
201.902

■ 53, 103.989,
39.757

Harmonies

Complementary

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



71, 46.568, 23.513



93, 33.880, 196.459

Rectangle

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



71, 46.568, 23.513



71, 46.568, 73.513



71, 46.568, 203.513



71, 46.568, 253.513

Sweetspot

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



71, 46.565, 23.516



91, 12.177, 19.529



74, 69.442, 326.315



47, 8.595, 19.721



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, 46.565, 23.516



67, 56.989, 25.300



83, 38.170, 68.117



49, 5.253, 19.238



40, 83.828, 39.654



10, 33.294, 26.830

Inverse Universe

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



71, 46.565, 23.516



67, 56.989, 25.300



78, 33.054, 261.646



49, 5.253, 19.238



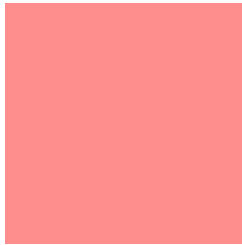
40, 83.828, 39.654



10, 33.294, 26.830

Previews

White Background



This preview shows how the CIELCh color 71, 46.568, 23.513 looks on a white background.

Color Contrast Check

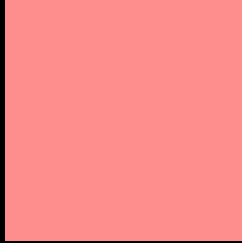
Large Text (above 18pt) WCAG AA × Fail

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, 46.568, 23.513 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, 46.568, 23.513

Background



This preview shows how black text looks on a background with the CIELCh color 71, 46.568, 23.513.

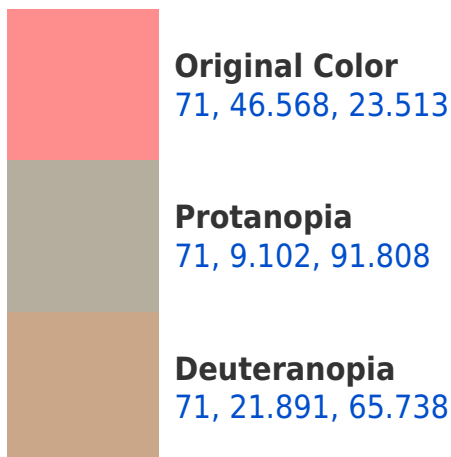


This preview shows how white text looks on a background with the CIELCh color 71, 46.568, 23.513.

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](#).

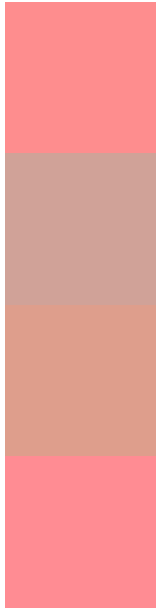
Dichromacy





Tritanopia
71, 46.626, 17.847

Trichromacy



Original Color
71, 46.568, 23.513

Protanomaly
71, 19.460, 37.026

Deuteranomaly
71, 28.659, 41.247

Tritanomaly
71, 46.840, 19.801

Monochromacy



Original Color
71, 46.568, 23.513

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 16.146, 20.836

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 46.568, 23.513 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(254, 141, 142)` looks like.

```
.text, #text, p{  
    color:rgb(254, 141, 142)  
}
```

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(254, 141, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 141, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 46.568, 23.513 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(254, 141, 142) }
```

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

```
.border{ border-color:rgb(254, 141, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 141, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 141, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 141, 142);  
box-shadow:4px 4px 4px 4px rgb(254, 141,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 46.568, 23.513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 141, 142) }
```

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

```
.background{ background-color: rgb(254,  
141, 142) }
```

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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