

Converting Colors

CIELCh(80, 71.902, 24.149)

Have a look what the booklet for
CIELCh(80, 71.902, 24.149) contains.

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Color

CIELCh(71, 46.464, 20.337)

Conversions

Conversions Part 1

Format	Color
Hex	FF8D93
RGB	255, 141, 147
RGB Percent	100%, 55%, 58%
CMY	0.0019, 0.4487, 0.4251
CMYK	0.00, 0.45, 0.42, 0.00
HSL	357°, 99%, 77%
HSV	357°, 45%, 100%
XYZ	55.7603, 42.1875, 32.6395
YIQ	175.7700, 66.0180, 26.0340

Conversions

Conversions Part 2

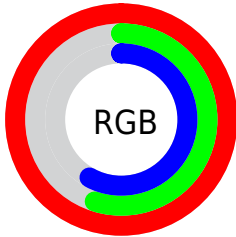
Format	Color
R _Y B	255, 141, 147
Decimal	16747923
CIE Lab	71.00, 43.57, 16.15
CIE LCh	71, 46.464, 20.337
Yxy	42.1875, 0.4270, 0.3231
Android (android.graphics.Color)	4294938003 (0xFFFF8D93)
YUV	175.7700, -14.1836, 69.4847
Hunter-Lab	64.9519, 39.5740, 15.6721

Details

The CIELCh color **71, 46.464, 20.337** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **93, 34.680, 192.087**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **84, 22.482, 14.561**, and **51, 46.451, 20.077** is the 20% darker color. If you saturate the color by 10%, you get **66, 58.142, 22.573**, and if you desaturate by 10%, it is **77, 35.054, 18.607**.

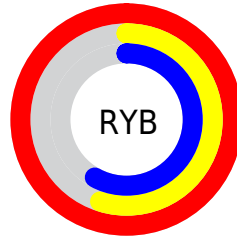
Distribution



Red (100%)

Green (55%)

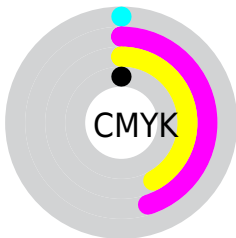
Blue (58%)



Red (100%)

Yellow (55%)

Blue (58%)

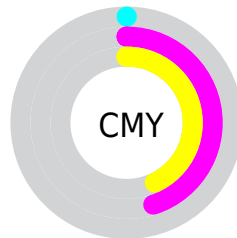


Cyan (0%)

Magenta (45%)

Yellow (42%)

Black (0%)



Cyan (0%)

Magenta (45%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 46.464, 20.337 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, 46.464, 20.337 by changing the saturation by 10% instead.

71, 46.464, 20.337

71, 46.464, 20.337

100, 46.464,
20.337

61, 46.464, 20.337

91, 46.464, 20.337

51, 46.464, 20.337

41, 46.464, 20.337

31, 46.464, 20.337

21, 46.464, 20.337

11, 46.464, 20.337

1, 46.464, 20.337

0, 46.464, 20.337

71, 46.464, 20.337

71, 46.464, 20.337

■ 66, 58.142, 22.573

■ 77, 35.054, 18.607

■ 61, 69.753, 25.429

■ 83, 24.158, 17.252

■ 57, 80.880, 28.970

■ 90, 13.901, 16.173

■ 55, 91.030, 33.045

■ 97, 4.327, 15.223

■ 54, 99.302, 37.016

100, 0.166,
203.383

■ 53, 102.402,
38.550

Harmonies

Complementary

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



71, 46.464, 20.337



93, 34.680, 192.087

Rectangle

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



71, 46.464, 20.337



71, 46.464, 70.337



71, 46.464, 200.337



71, 46.464, 250.337

Sweetspot

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



71, 46.461, 20.340



91, 12.179, 16.003



73, 69.258, 324.832



47, 8.591, 16.216



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, 46.461, 20.340



66, 57.333, 22.383



82, 38.129, 62.934



49, 5.259, 15.678



40, 82.017, 38.007



10, 32.943, 25.058

Inverse Universe

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



71, 46.461, 20.340



66, 57.333, 22.383



80, 31.574, 255.649



49, 5.259, 15.678



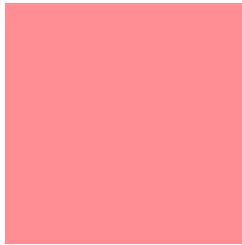
40, 82.017, 38.007



10, 32.943, 25.058

Previews

White Background



This preview shows how the CIELCh color 71, 46.464, 20.337 looks on a white background.

Color Contrast Check

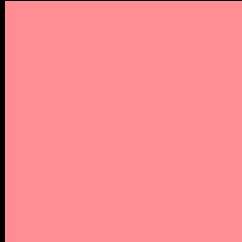
Large Text (above 18pt) WCAG AA × Fail

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, 46.464, 20.337 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, 46.464, 20.337

Background



This preview shows how black text looks on a background with the CIELCh color 71, 46.464, 20.337.

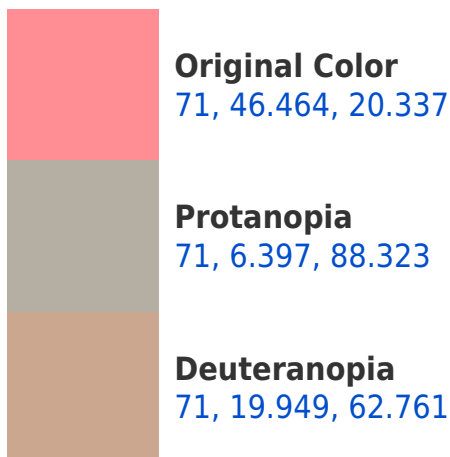


This preview shows how white text looks on a background with the CIELCh color 71, 46.464, 20.337.

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](#).

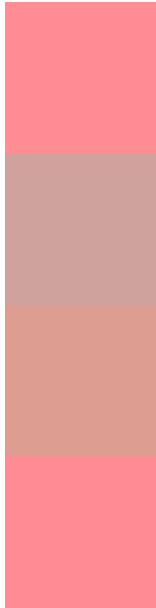
Dichromacy





Tritanopia
71, 46.626, 17.847

Trichromacy



Original Color
71, 46.464, 20.337

Protanomaly
71, 18.226, 29.466

Deuteranomaly
71, 27.537, 36.332

Tritanomaly
71, 46.691, 18.501

Monochromacy



Original Color
71, 46.464, 20.337

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 16.528, 15.276

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 46.464, 20.337 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, 141, 147)` looks like.

```
.text, #text, p{  
    color:rgb(255, 141, 147)  
}
```

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, 141, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 141, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 46.464, 20.337 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, 141, 147) }
```

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

```
.border{ border-color:rgb(255, 141, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 141, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 141, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 141, 147);  
box-shadow:4px 4px 4px 4px rgb(255, 141,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 46.464, 20.337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 141, 147) }
```

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

```
.background{ background-color: rgb(255,  
141, 147) }
```

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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