

Converting Colors

CIELCh(80, 69.222, 20.774)

Have a look what the booklet for
CIELCh(80, 69.222, 20.774) contains.

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Color

CIELCh(72, 45.554, 14.894)

Conversions

Conversions Part 1

Format	Color
Hex	FF8F9D
RGB	255, 143, 157
RGB Percent	100%, 56%, 62%
CMY	0.0000, 0.4384, 0.3837
CMYK	0.00, 0.44, 0.38, 0.00
HSL	353°, 100%, 78%
HSV	353°, 44%, 100%
XYZ	57.6869, 43.6590, 37.3591
YIQ	178.0840, 62.2580, 28.0980

Conversions

Conversions Part 2

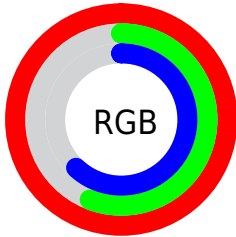
Format	Color
R _Y B	255, 143, 157
Decimal	16748445
CIE Lab	72.00, 44.02, 11.71
CIE LCh	72, 45.554, 14.894
Yxy	43.6590, 0.4159, 0.3148
Android (android.graphics.Color)	4294938525 (0xFFFF8F9D)
YUV	178.0840, -10.3944, 67.4553
Hunter-Lab	66.0750, 40.2087, 12.7296

Details

The CIELCh color **72, 45.554, 14.894** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **93, 35.458, 185.391**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **85, 22.236, 3.488**, and **52, 44.974, 14.678** is the 20% darker color. If you saturate the color by 10%, you get **66, 56.174, 16.978**, and if you desaturate by 10%, it is **78, 33.975, 12.946**.

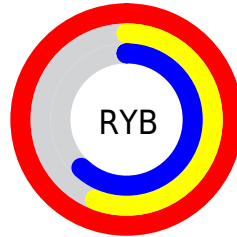
Distribution



Red (100%)

Green (56%)

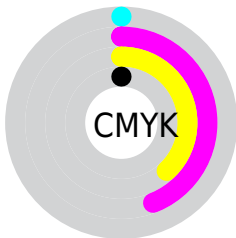
Blue (62%)



Red (100%)

Yellow (56%)

Blue (62%)

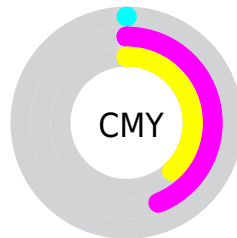


Cyan (0%)

Magenta (44%)

Yellow (38%)

Black (0%)



Cyan (0%)

Magenta (44%)

Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 45.554, 14.894 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 72, 45.554, 14.894 by changing the saturation by 10% instead.

 72, 45.554, 14.894

 72, 45.554, 14.894

 100, 45.554,
14.894

 62, 45.554, 14.894

 92, 45.554, 14.894

 52, 45.554, 14.894

 42, 45.554, 14.894

 32, 45.554, 14.894

 22, 45.554, 14.894

 12, 45.554, 14.894

 2, 45.554, 14.894

 0, 45.554, 14.894

 72, 45.554, 14.894

 72, 45.554, 14.894

66, 56.174, 16.978

78, 33.975, 12.946

62, 67.061, 19.850

84, 23.287, 11.525

58, 77.286, 23.467

91, 13.116, 10.358

55, 86.523, 27.840

97, 3.529, 9.281

54, 94.512, 32.672

100, 0.012,
296.813

53, 98.715, 35.450

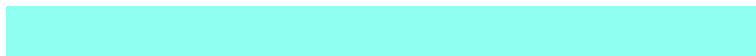
Harmonies

Complementary

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



72, 45.554, 14.894



93, 35.458, 185.391

Rectangle

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



72, 45.554, 14.894



72, 45.554, 64.894



72, 45.554, 194.894



72, 45.554, 244.894

Sweetspot

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



72, 45.024, 14.723



91, 12.286, 10.268



73, 67.154, 322.773



47, 8.656, 10.506



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 45.024, 14.723



67, 55.240, 16.766



81, 37.286, 56.067



50, 5.315, 9.903



40, 78.755, 34.605



10, 32.436, 22.076

Inverse Universe

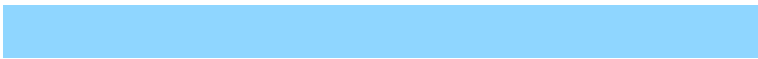
The Inverse Universe completely reimagines the original color for something new.



72, 45.024, 14.723



67, 55.240, 16.766



82, 29.368, 246.487



50, 5.315, 9.903



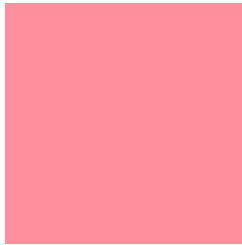
40, 78.755, 34.605



10, 32.436, 22.076

Previews

White Background



This preview shows how the CIELCh color 72, 45.554, 14.894 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 72, 45.554, 14.894 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 72, 45.554, 14.894

Background



This preview shows how black text looks on a background with the CIELCh color 72, 45.554, 14.894.

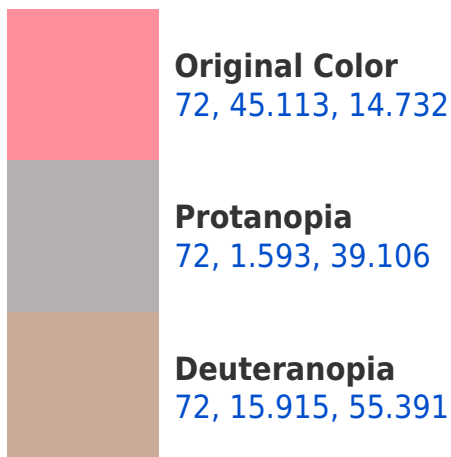


This preview shows how white text looks on a background with the CIELCh color 72, 45.554, 14.894.

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
72, 44.824, 17.299

Trichromacy



Original Color
72, 45.113, 14.732



Protanomaly
71, 16.945, 11.786



Deuteranomaly
71, 24.838, 27.783



Tritanomaly
72, 44.775, 16.618

Monochromacy



Original Color
72, 45.113, 14.732



Achromatopsia
73, 0.009, 296.813



Achromatomaly
72, 16.140, 11.241

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 45.554, 14.894 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, 143, 157)` looks like.

```
.text, #text, p{  
    color:rgb(255, 143, 157)  
}
```

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, 143, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 143, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 45.554, 14.894 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, 143, 157) }
```

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

```
.border{ border-color:rgb(255, 143, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 143, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 143, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 143, 157);  
box-shadow:4px 4px 4px 4px rgb(255, 143,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 45.554, 14.894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 143, 157) }
```

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

```
.background{ background-color: rgb(255,  
143, 157) }
```

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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