

Converting Colors

CIELCh(72, 45.353, 7.170)

Have a look what the booklet for
CIELCh(72, 45.353, 7.170) contains.

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Color

CIELCh(72, 45.259, 7.278)

Conversions

Conversions Part 1

Format	Color
Hex	FF8FA8
RGB	255, 143, 168
RGB Percent	100%, 56%, 66%
CMY	0.0006, 0.4397, 0.3417
CMYK	0.00, 0.44, 0.34, 0.00
HSL	347°, 100%, 78%
HSV	347°, 44%, 100%
XYZ	58.0437, 43.6590, 42.3491
YIQ	179.3380, 58.7270, 31.5190

Conversions

Conversions Part 2

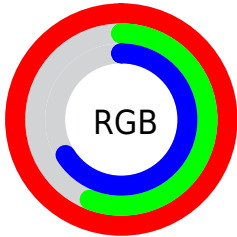
Format	Color
R_{YB}	255, 143, 168
Decimal	16748456
CIE _{Lab}	72.00, 44.89, 5.73
CIE _{LCh}	72, 45.259, 7.278
Yxy	43.6590, 0.4029, 0.3031
Android (android.graphics.Color)	4294938536 (0xFFFF8FA8)
YUV	179.3380, -5.5896, 66.3556
Hunter-Lab	66.0750, 41.1724, 8.2520

Details

The CIELCh color $72, 45.259, 7.278$ is a light color, and the websafe version is hex `FF9999`. A complement of this color would be $93, 37.913, 177.046$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $86, 23.920, 349.797$, and $52, 44.939, 7.403$ is the 20% darker color. If you saturate the color by 10%, you get $67, 55.862, 9.495$, and if you desaturate by 10%, it is $78, 34.480, 5.506$.

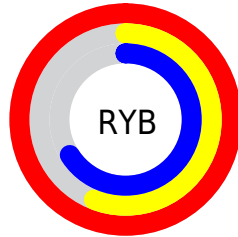
Distribution



Red (100%)

Green (56%)

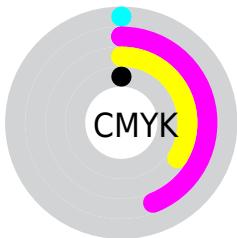
Blue (66%)



Red (100%)

Yellow (56%)

Blue (66%)

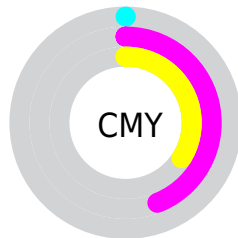


Cyan (0%)

Magenta (44%)

Yellow (34%)

Black (0%)



Cyan (0%)

Magenta (44%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 45.259, 7.278 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, 45.259, 7.278 by changing the saturation by 10% instead.

 72, 45.259, 7.278

 72, 45.259, 7.278

 100, 45.259, 7.278

 62, 45.259, 7.278

 92, 45.259, 7.278

 52, 45.259, 7.278

 42, 45.259, 7.278

 32, 45.259, 7.278

 22, 45.259, 7.278

 12, 45.259, 7.278

 2, 45.259, 7.278

 0, 45.259, 7.278

 72, 45.259, 7.278

 72, 45.259, 7.278

67, 55.862, 9.495

78, 34.480, 5.506

62, 65.881, 12.297

84, 23.850, 4.055

58, 74.873, 15.853

91, 13.567, 2.834

56, 82.544, 20.283

97, 3.740, 1.699

54, 88.921, 25.533

100, 0.051,
212.431

54, 92.418, 28.857

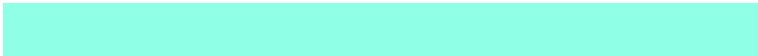
Harmonies

Complementary

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



72, 45.259, 7.278



93, 37.913, 177.046

Rectangle

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



72, 45.259, 7.278



72, 45.259, 57.278



72, 45.259, 187.278



72, 45.259, 237.278

Sweetspot

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



72, 45.256, 7.281



91, 12.630, 2.728



72, 66.093, 319.694



47, 8.886, 2.979



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, 45.256, 7.281



67, 54.910, 9.265



78, 38.402, 45.898



50, 5.476, 2.342



40, 73.830, 27.806



10, 31.849, 17.520

Inverse Universe

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



72, 45.256, 7.281



67, 54.910, 9.265



85, 28.347, 231.969



50, 5.476, 2.342



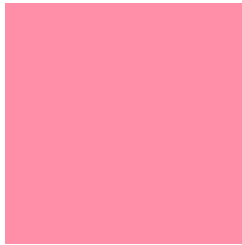
40, 73.830, 27.806



10, 31.849, 17.520

Previews

White Background



This preview shows how the CIELCh color 72, 45.259, 7.278 looks on a white background.

Color Contrast Check

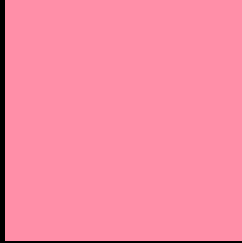
Large Text (above 18pt) WCAG AA × Fail

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, 45.259, 7.278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

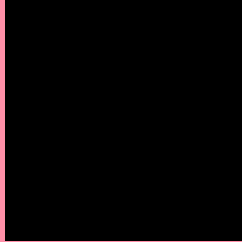
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 45.259, 7.278

Background



This preview shows how black text looks on a background with the CIELCh color 72, 45.259, 7.278.

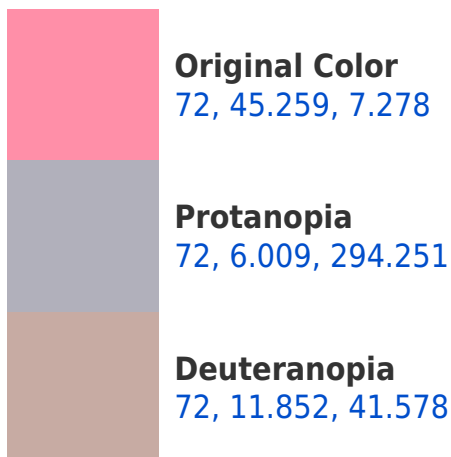


This preview shows how white text looks on a background with the CIELCh color 72, 45.259, 7.278.

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, 43.931, 16.359

Trichromacy



Original Color
72, 45.259, 7.278



Protanomaly
71, 17.813, 351.942



Deuteranomaly
72, 22.974, 16.176



Tritanomaly
72, 44.252, 13.052

Monochromacy



Original Color
72, 45.259, 7.278



Achromatopsia
73, 0.009, 296.813



Achromatomaly
72, 16.486, 3.774

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 45.259, 7.278 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, 168)` looks like.

```
.text, #text, p{  
    color:rgb(255, 143, 168)  
}
```

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, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 143, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 45.259, 7.278 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, 168) }
```

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

```
.border{ border-color:rgb(255, 143, 168) }
```

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, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 143, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 143, 168);  
box-shadow:4px 4px 4px 4px rgb(255, 143,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 45.259, 7.278 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, 168) }
```

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

```
.background{ background-color: rgb(255,  
143, 168) }
```

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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