

Converting Colors

CIELCh(72, 45.683, 26.322)

Have a look what the booklet for
CIELCh(72, 45.683, 26.322) contains.

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Color

CIELCh(72, 45.611, 25.872)

Conversions

Conversions Part 1

Format	Color
Hex	FF918E
RGB	255, 145, 142
RGB Percent	100%, 57%, 56%
CMY	0.0000, 0.4299, 0.4418
CMYK	0.00, 0.43, 0.44, 0.00
HSL	2°, 100%, 78%
HSV	2°, 44%, 100%
XYZ	56.4756, 43.6590, 31.1764
YIQ	177.5480, 66.5230, 22.3870

Conversions

Conversions Part 2

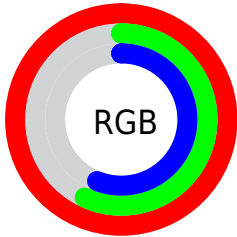
Format	Color
R _Y B	255, 145, 142
Decimal	16748942
CIE Lab	72.00, 41.04, 19.90
CIE LCh	72, 45.611, 25.872
Yxy	43.6590, 0.4301, 0.3325
Android (android.graphics.Color)	4294939022 (0xFFFF918E)
YUV	177.5480, -17.5252, 67.9254
Hunter-Lab	66.0750, 36.9363, 18.2775

Details

The CIELCh color **72, 45.611, 25.872** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **93, 32.757, 200.159**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **85, 21.192, 26.598**, and **52, 45.710, 25.683** is the 20% darker color. If you saturate the color by 10%, you get **67, 57.473, 27.759**, and if you desaturate by 10%, it is **78, 33.923, 24.424**.

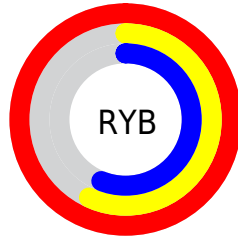
Distribution



Red (100%)

Green (57%)

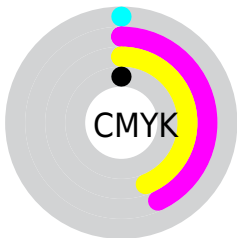
Blue (56%)



Red (100%)

Yellow (57%)

Blue (56%)

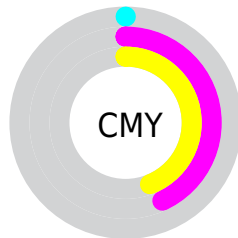


Cyan (0%)

Magenta (43%)

Yellow (44%)

Black (0%)



Cyan (0%)

Magenta (43%)

Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 45.611, 25.872 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, 45.611, 25.872 by changing the saturation by 10% instead.

 72, 45.611, 25.872

 72, 45.611, 25.872

 100, 45.611,
25.872

 62, 45.611, 25.872

 92, 45.611, 25.872

 52, 45.611, 25.872

 42, 45.611, 25.872

 32, 45.611, 25.872

 22, 45.611, 25.872

 12, 45.611, 25.872

 2, 45.611, 25.872

 0, 45.611, 25.872

 72, 45.611, 25.872

 72, 45.611, 25.872

67, 57.473, 27.759

78, 33.923, 24.424

62, 69.719, 30.189

84, 23.086, 23.329

58, 81.738, 33.160

91, 13.004, 22.487

55, 92.774, 36.414

97, 3.681, 21.738

54, 101.185,
39.113

100, 0.012,
296.813

53, 104.255,
40.188

Harmonies

Complementary

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



72, 45.611, 25.872



93, 32.757, 200.159

Rectangle

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



72, 45.611, 25.872



72, 45.611, 75.872



72, 45.611, 205.872



72, 45.611, 255.872

Sweetspot

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



72, 45.443, 25.867



91, 11.866, 22.400



75, 68.688, 327.275



47, 8.378, 22.565



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, 45.443, 25.867



67, 56.036, 27.510



84, 38.426, 71.507



50, 5.116, 22.149



40, 83.860, 40.270



10, 32.819, 28.484

Inverse Universe

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



93, 32.757, 200.159



92, 37.411, 200.027



78, 34.256, 265.299



52, 4.813, 201.347



69, 38.884, 200.689



23, 17.966, 200.152

Previews

White Background



This preview shows how the CIELCh color 72, 45.611, 25.872 looks on a white background.

Color Contrast Check

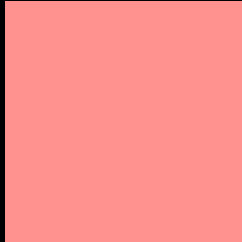
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 72, 45.611, 25.872 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, 45.611, 25.872

Background



This preview shows how black text looks on a background with the CIELCh color 72, 45.611, 25.872.

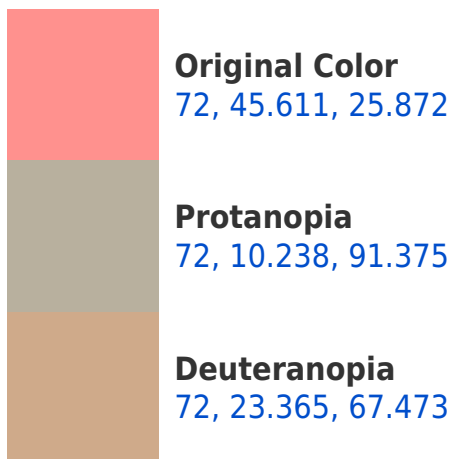


This preview shows how white text looks on a background with the CIELCh color 72, 45.611, 25.872.

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](#).

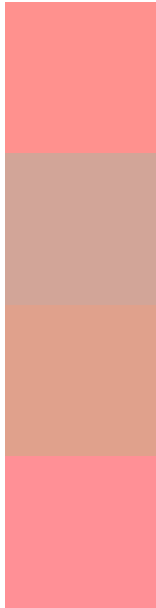
Dichromacy





Tritanopia
72, 44.824, 17.299

Trichromacy



Original Color
72, 45.611, 25.872

Protanomaly
71, 19.648, 41.686

Deuteranomaly
72, 28.933, 44.287

Tritanomaly
72, 45.088, 20.004

Monochromacy



Original Color
72, 45.611, 25.872

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 15.731, 22.728

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 45.611, 25.872 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, 145, 142)` looks like.

```
.text, #text, p{  
    color:rgb(255, 145, 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(255, 145, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 145, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 45.611, 25.872 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, 145, 142) }
```

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

```
.border{ border-color:rgb(255, 145, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 145, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 145, 142); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 145, 142); box-shadow:4px 4px 4px 4px rgb(255, 145, 142) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 45.611, 25.872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 145, 142) }
```

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

```
.background{ background-color: rgb(255,  
145, 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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