

Converting Colors

CIELCh(72, 45.818, 28.895)

Have a look what the booklet for
CIELCh(72, 45.818, 28.895) contains.

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Color

CIELCh(72, 45.909, 29.036)

Conversions

Conversions Part 1

Format	Color
Hex	FF928A
RGB	255, 146, 138
RGB Percent	100%, 57%, 54%
CMY	0.0000, 0.4274, 0.4588
CMYK	0.00, 0.43, 0.46, 0.00
HSL	4°, 100%, 77%
HSV	4°, 46%, 100%
XYZ	56.1134, 43.6590, 29.5185
YIQ	177.6790, 67.5320, 20.6200

Conversions

Conversions Part 2

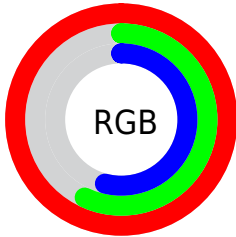
Format	Color
R _Y B	255, 147, 138
Decimal	16749194
CIE Lab	72.00, 40.14, 22.28
CIE LCh	72, 45.909, 29.036
Yxy	43.6590, 0.4340, 0.3377
Android (android.graphics.Color)	4294939274 (0xFFFF928A)
YUV	177.6790, -19.5617, 67.8105
Hunter-Lab	66.0750, 35.9579, 19.7652

Details

The CIELCh color **72, 45.909, 29.036** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **91, 32.350, 204.883**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **85, 21.590, 34.789**, and **52, 46.112, 28.950** is the 20% darker color. If you saturate the color by 10%, you get **67, 57.802, 30.689**, and if you desaturate by 10%, it is **78, 34.572, 27.792**.

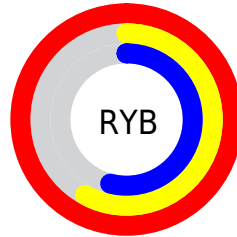
Distribution



Red (100%)

Green (57%)

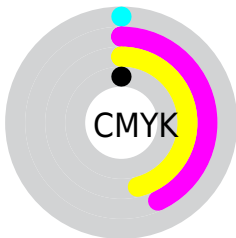
Blue (54%)



Red (100%)

Yellow (58%)

Blue (54%)

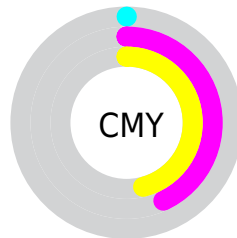


Cyan (0%)

Magenta (43%)

Yellow (46%)

Black (0%)



Cyan (0%)

Magenta (43%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 45.909, 29.036 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, 45.909, 29.036 by changing the saturation by 10% instead.

72, 45.909, 29.036

72, 45.909, 29.036

100, 45.909,
29.036

62, 45.909, 29.036

92, 45.909, 29.036

52, 45.909, 29.036

42, 45.909, 29.036

32, 45.909, 29.036

22, 45.909, 29.036

12, 45.909, 29.036

2, 45.909, 29.036

0, 45.909, 29.036

72, 45.909, 29.036

72, 45.909, 29.036

■ 67, 57.802, 30.689

■ 78, 34.572, 27.792

■ 62, 70.013, 32.801

■ 84, 23.956, 26.863

■ 59, 82.087, 35.341

■ 90, 14.105, 26.171

■ 56, 93.163, 38.007

■ 96, 5.010, 25.601

■ 54, 101.360,
39.938

100, 0.012,
296.813

■ 54, 103.688,
40.526

Harmonies

Complementary

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



72, 45.909, 29.036



91, 32.350, 204.883

Rectangle

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



72, 45.909, 29.036



72, 45.909, 79.036



72, 45.909, 209.036



72, 45.909, 259.036

Sweetspot

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



72, 45.902, 29.040



91, 12.341, 26.061



74, 68.774, 328.882



47, 8.596, 26.188



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, 45.902, 29.040



67, 56.741, 30.527



85, 40.933, 76.127



50, 4.919, 25.811



40, 83.278, 40.705



10, 32.033, 30.524

Inverse Universe

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



91, 32.350, 204.883



90, 36.782, 205.054



75, 37.872, 270.837



52, 4.624, 205.312



66, 36.989, 208.088



22, 17.169, 206.558

Previews

White Background



This preview shows how the CIELCh color 72, 45.909, 29.036 looks on a white background.

Color Contrast Check

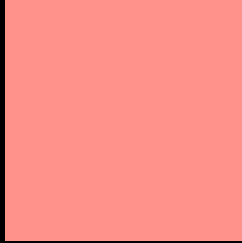
Large Text (above 18pt) WCAG AA × Fail

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, 45.909, 29.036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

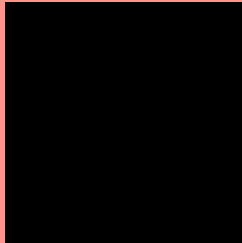
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 45.909, 29.036

Background



This preview shows how black text looks on a background with the CIELCh color 72, 45.909, 29.036.

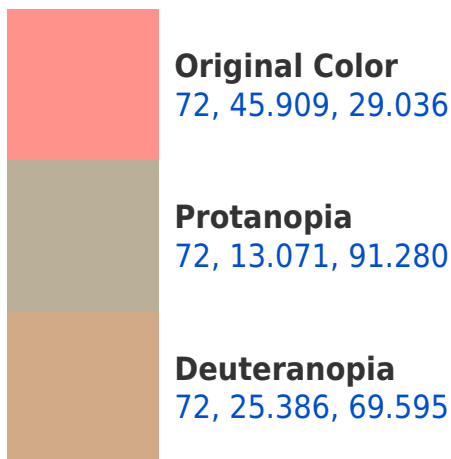


This preview shows how white text looks on a background with the CIELCh color 72, 45.909, 29.036.

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](#).

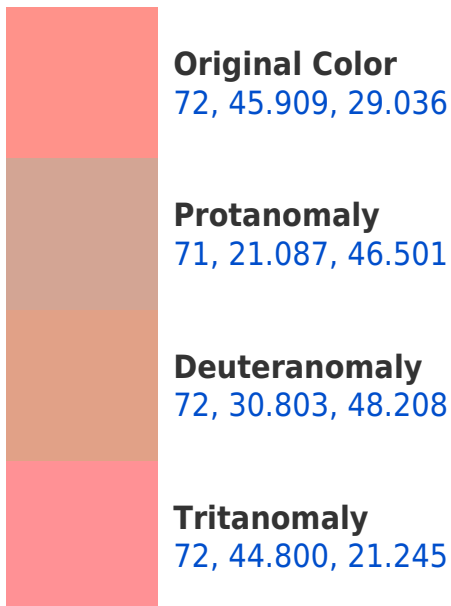
Dichromacy



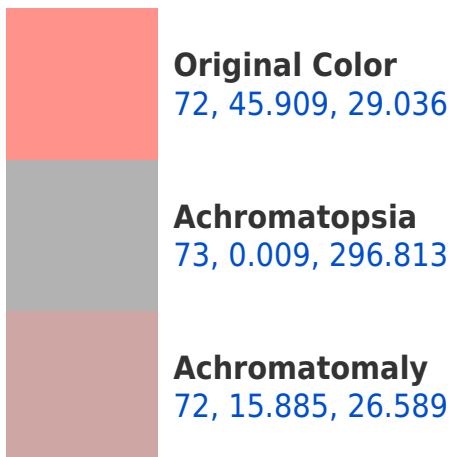


Tritanopia
72, 44.775, 16.618

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 45.909, 29.036 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, 146, 138)` looks like.

```
.text, #text, p{  
    color:rgb(255, 146, 138)  
}
```

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, 146, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 146, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 45.909, 29.036 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, 146, 138) }
```

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

```
.border{ border-color:rgb(255, 146, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 146, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 146, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 146, 138);  
box-shadow:4px 4px 4px 4px rgb(255, 146,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 45.909, 29.036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 146, 138) }
```

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

```
.background{ background-color: rgb(255,  
146, 138) }
```

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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