

Converting Colors

CIELCh(72, 47.042, 29.682)

Have a look what the booklet for
CIELCh(72, 47.042, 29.682) contains.

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Color

CIELCh(72, 46.562, 29.672)

Conversions

Conversions Part 1

Format	Color
Hex	FF9289
RGB	255, 146, 137
RGB Percent	100%, 57%, 54%
CMY	0.0000, 0.4287, 0.4641
CMYK	0.00, 0.43, 0.46, 0.00
HSL	5°, 100%, 77%
HSV	5°, 46%, 100%
XYZ	56.2410, 43.6590, 28.9965
YIQ	177.5650, 67.8530, 20.3090

Conversions

Conversions Part 2

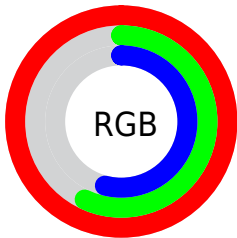
Format	Color
R_{YB}	255, 147, 137
Decimal	16749193
CIE _{Lab}	72.00, 40.46, 23.05
CIE _{LCh}	72, 46.562, 29.672
Yxy	43.6590, 0.4363, 0.3387
Android (android.graphics.Color)	4294939273 (0xFFFF9289)
YUV	177.5650, -19.9985, 67.9105
Hunter-Lab	66.0750, 36.3024, 20.2335

Details

The CIELCh color **72, 46.562, 29.672** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **91, 32.396, 205.842**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **85, 21.768, 36.074**, and **52, 46.314, 29.607** is the 20% darker color. If you saturate the color by 10%, you get **67, 58.129, 31.297**, and if you desaturate by 10%, it is **77, 34.932, 28.472**.

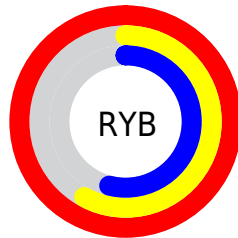
Distribution



Red (100%)

Green (57%)

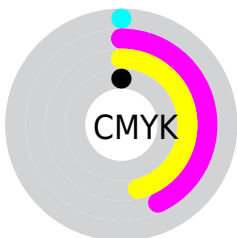
Blue (54%)



Red (100%)

Yellow (58%)

Blue (54%)

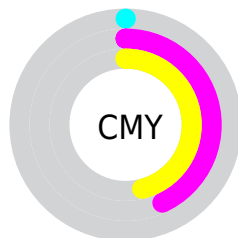


Cyan (0%)

Magenta (43%)

Yellow (46%)

Black (0%)



Cyan (0%)

Magenta (43%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 46.562, 29.672 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, 46.562, 29.672 by changing the saturation by 10% instead.

72, 46.562, 29.672

72, 46.562, 29.672

100, 46.562,
29.672

62, 46.562, 29.672

92, 46.562, 29.672

52, 46.562, 29.672

42, 46.562, 29.672

32, 46.562, 29.672

22, 46.562, 29.672

12, 46.562, 29.672

2, 46.562, 29.672

0, 46.562, 29.672

72, 46.562, 29.672

72, 46.562, 29.672

67, 58.129, 31.297

77, 34.932, 28.472

62, 70.333, 33.354

83, 24.338, 27.572

59, 82.401, 35.816

90, 14.511, 26.907

56, 93.434, 38.361

96, 5.440, 26.372

54, 101.488,
40.116

100, 0.012,
296.813

54, 103.548,
40.611

Harmonies

Complementary

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



72, 46.562, 29.672



91, 32.396, 205.842

Rectangle

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



72, 46.562, 29.672



72, 46.562, 79.672



72, 46.562, 209.672



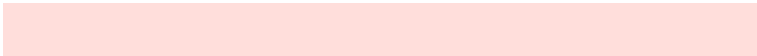
72, 46.562, 259.672

Sweetspot

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



72, 46.241, 29.688



91, 12.254, 26.773



73, 69.505, 328.910



47, 8.536, 26.893



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, 46.241, 29.688



67, 57.629, 31.222



85, 41.445, 76.051



50, 4.884, 26.538



40, 83.149, 40.803



10, 31.892, 30.912

Inverse Universe

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



91, 32.396, 205.842



90, 36.944, 206.097



75, 38.313, 270.979



52, 4.590, 206.100



66, 36.693, 209.587



22, 17.040, 207.848

Previews

White Background



This preview shows how the CIELCh color 72, 46.562, 29.672 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, 46.562, 29.672 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, 46.562, 29.672

Background



This preview shows how black text looks on a background with the CIELCh color 72, 46.562, 29.672.



This preview shows how white text looks on a background with the CIELCh color 72, 46.562, 29.672.

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



Original Color

72, 46.082, 29.663

Protanopia

72, 14.110, 92.446

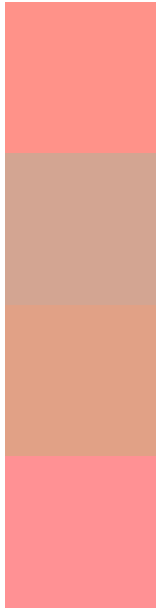
Deuteranopia

72, 26.138, 69.514



Tritanopia
72, 44.824, 17.299

Trichromacy



Original Color
72, 46.082, 29.663

Protanomaly
71, 21.676, 48.898

Deuteranomaly
72, 31.118, 48.998

Tritanomaly
72, 44.896, 21.916

Monochromacy



Original Color
72, 46.082, 29.663

Achromatopsia
72, 0.009, 296.813

Achromatomaly
71, 15.588, 28.655

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 46.562, 29.672 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, 137)` looks like.

```
.text, #text, p{  
    color:rgb(255, 146, 137)  
}
```

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, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 146, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 46.562, 29.672 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, 137) }
```

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

```
.border{ border-color:rgb(255, 146, 137) }
```

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, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 146, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 146, 137);  
box-shadow:4px 4px 4px 4px rgb(255, 146,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 46.562, 29.672 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, 137) }
```

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

```
.background{ background-color: rgb(255,  
146, 137) }
```

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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