

Converting Colors

CIELCh(75, 55.080, 33.359)

Have a look what the booklet for
CIELCh(75, 55.080, 33.359) contains.

CIELCh(72, 46.493, 33.979)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(72, 46.493, 33.979)

Conversions

Conversions Part 1

Format	Color
Hex	FE9383
RGB	254, 147, 131
RGB Percent	100%, 58%, 51%
CMY	0.0036, 0.4227, 0.4854
CMYK	0.00, 0.42, 0.48, 0.00
HSL	8°, 99%, 76%
HSV	8°, 48%, 100%
XYZ	55.4797, 43.6590, 27.0575
YIQ	177.1690, 68.9080, 17.7080

Conversions

Conversions Part 2

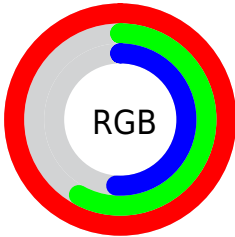
Format	Color
RYB	254, 149, 131
Decimal	16683907
CIELab	72.00, 38.55, 25.98
CIELCh	72, 46.493, 33.979
Yxy	43.6590, 0.4396, 0.3460
Android (android.graphics.Color)	4294873987 (0xFFFE9383)
YUV	177.1690, -22.7613, 67.3808
Hunter-Lab	66.0750, 34.2459, 21.9734

Details

The CIELCh color **72, 46.493, 33.979** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **89, 31.877, 212.821**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **85, 22.920, 44.792**, and **52, 46.947, 34.030** is the 20% darker color. If you saturate the color by 10%, you get **67, 58.174, 35.217**, and if you desaturate by 10%, it is **77, 35.442, 33.076**.

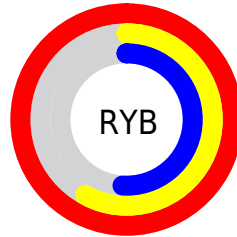
Distribution



Red (100%)

Green (58%)

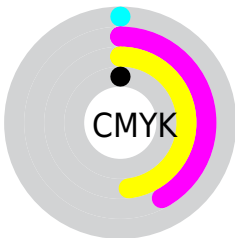
Blue (51%)



Red (100%)

Yellow (58%)

Blue (51%)

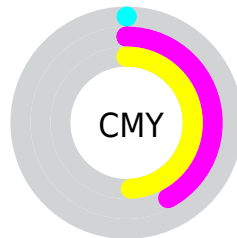


Cyan (0%)

Magenta (42%)

Yellow (48%)

Black (0%)



Cyan (0%)

Magenta (42%)

Yellow (49%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 46.493, 33.979 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, 46.493, 33.979 by changing the saturation by 10% instead.

 72, 46.493, 33.979

 72, 46.493, 33.979

 100, 46.493,
33.979

 62, 46.493, 33.979

 92, 46.493, 33.979

 52, 46.493, 33.979

 42, 46.493, 33.979

 32, 46.493, 33.979

 22, 46.493, 33.979

 12, 46.493, 33.979

 2, 46.493, 33.979

 0, 46.493, 33.979

 72, 46.493, 33.979

 72, 46.493, 33.979

67, 58.174, 35.217

77, 35.442, 33.076

63, 70.255, 36.799

83, 25.134, 32.440

59, 82.259, 38.644

89, 15.597, 32.012

56, 93.153, 40.384

95, 6.805, 31.713

54, 100.955,
41.247

100, 0.318,
201.468

54, 102.009,
41.398

Harmonies

Complementary

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



72, 46.493, 33.979



89, 31.877, 212.821

Rectangle

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



72, 46.493, 33.979



72, 46.493, 83.979



72, 46.493, 213.979



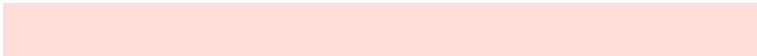
72, 46.493, 263.979

Sweetspot

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



72, 46.491, 33.983



91, 12.606, 31.904



72, 69.533, 330.680



47, 8.678, 31.970



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, 46.491, 33.983



68, 57.926, 35.169



86, 44.357, 80.361



50, 4.669, 31.746



41, 82.036, 41.682



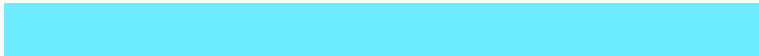
11, 31.008, 33.553

Inverse Universe

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



89, 31.877, 212.821



87, 36.190, 213.600



72, 42.578, 276.007



52, 4.389, 211.751



63, 35.311, 220.449



21, 16.375, 217.175

Previews

White Background



This preview shows how the CIELCh color 72, 46.493, 33.979 looks on a white background.

Color Contrast Check

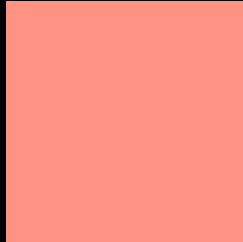
Large Text (above 18pt) WCAG AA × Fail

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, 46.493, 33.979 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, 46.493, 33.979

Background



This preview shows how black text looks on a background with the CIELCh color 72, 46.493, 33.979.



This preview shows how white text looks on a background with the CIELCh color 72, 46.493, 33.979.

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, 46.559, 33.998

Protanopia

72, 17.761, 95.355

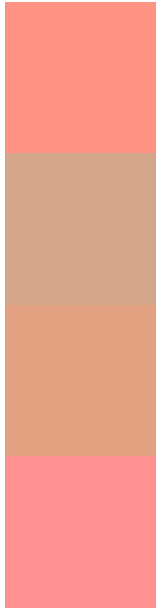
Deuteranopia

72, 28.914, 71.105



Tritanopia
72, 44.775, 16.618

Trichromacy



Original Color
72, 46.559, 33.998

Protanomaly
72, 23.639, 56.823

Deuteranomaly
72, 33.157, 52.322

Tritanomaly
72, 45.107, 23.250

Monochromacy



Original Color
72, 46.559, 33.998

Achromatopsia
72, 0.009, 296.813

Achromatomaly
71, 15.855, 32.456

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 46.493, 33.979 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(254, 147, 131)` looks like.

```
.text, #text, p{  
    color:rgb(254, 147, 131)  
}
```

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(254, 147, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 147, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 46.493, 33.979 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(254, 147, 131) }
```

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

```
.border{ border-color:rgb(254, 147, 131) }
```

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

Here you see how a box with a 4 pixel rgb(254, 147, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 147, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 147, 131);  
box-shadow:4px 4px 4px 4px rgb(254, 147,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 46.493, 33.979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 147, 131) }
```

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

```
.background{ background-color: rgb(254,  
147, 131) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor