

Converting Colors

CIELCh(72, 42.606, 40.179)

Have a look what the booklet for
CIELCh(72, 42.606, 40.179) contains.

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Color

CIELCh(72, 42.756, 40.070)

Conversions

Conversions Part 1

Format	Color
Hex	F69880
RGB	246, 152, 128
RGB Percent	96%, 60%, 50%
CMY	0.0349, 0.4035, 0.4977
CMYK	0.00, 0.38, 0.48, 0.03
HSL	12°, 87%, 73%
HSV	12°, 48%, 97%
XYZ	53.1881, 43.6590, 26.0763
YIQ	177.3700, 63.7280, 12.4640

Conversions

Conversions Part 2

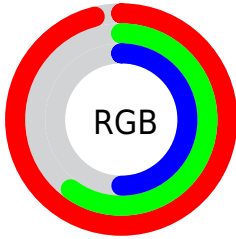
Format	Color
R _Y B	246, 158, 128
Decimal	16160896
CIE Lab	72.00, 32.72, 27.52
CIE LCh	72, 42.756, 40.070
Yxy	43.6590, 0.4327, 0.3552
Android (android.graphics.Color)	4294350976 (0xFFFF69880)
YUV	177.3700, -24.3394, 60.1885
Hunter-Lab	66.0750, 28.0551, 22.8538

Details

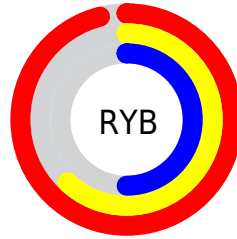
The CIELCh color **72, 42.756, 40.070** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84, 29.755, 223.203**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 23.428, 55.507**, and **52, 42.423, 39.986** is the 20% darker color. If you saturate the color by 10%, you get **67, 53.712, 40.662**, and if you desaturate by 10%, it is **77, 32.476, 39.714**.

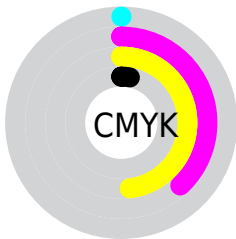
Distribution



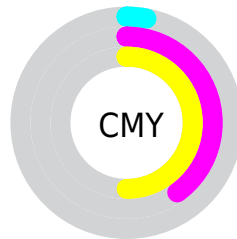
- Red (96%)
- Green (60%)
- Blue (50%)



- Red (96%)
- Yellow (62%)
- Blue (50%)



- Cyan (0%)
- Magenta (38%)
- Yellow (48%)
- Black (3%)



- Cyan (3%)
- Magenta (40%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 42.756, 40.070 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, 42.756, 40.070 by changing the saturation by 10% instead.

72, 42.756, 40.070

72, 42.756, 40.070

100, 42.756,
40.070

62, 42.756, 40.070

92, 42.756, 40.070

52, 42.756, 40.070

42, 42.756, 40.070

32, 42.756, 40.070

22, 42.756, 40.070

12, 42.756, 40.070

2, 42.756, 40.070

0, 42.756, 40.070

72, 42.756, 40.070

72, 42.756, 40.070

67, 53.712, 40.662

77, 32.476, 39.714

63, 65.175, 41.479

82, 22.934, 39.550

60, 76.737, 42.433

87, 14.123, 39.537

57, 87.468, 43.211

93, 6.002, 39.605

54, 95.604, 43.171

98, 1.487, 220.359

54, 97.033, 43.178

99, 3.078, 199.425

Harmonies

Complementary

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



72, 42.756, 40.070



84, 29.755, 223.203

Rectangle

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



72, 42.756, 40.070



72, 42.756, 90.070



72, 42.756, 220.070



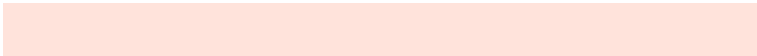
72, 42.756, 270.070

Sweetspot

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



72, 42.754, 40.074



92, 11.150, 39.561



70, 63.596, 333.744



48, 7.768, 39.546



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, 42.754, 40.074



70, 55.357, 40.674



86, 45.343, 87.419



48, 4.297, 39.596



41, 78.236, 43.596



10, 27.425, 36.041

Inverse Universe

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



84, 29.755, 223.203



84, 35.019, 224.768



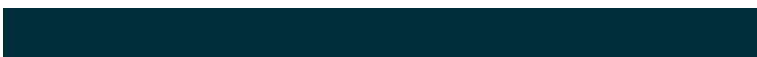
68, 46.078, 282.262



50, 4.050, 220.259



57, 34.747, 236.340



17, 15.300, 230.459

Previews

White Background



This preview shows how the CIELCh color 72, 42.756, 40.070 looks on a white background.

Color Contrast Check

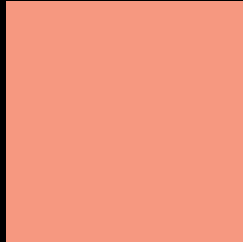
Large Text (above 18pt) WCAG AA × Fail

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, 42.756, 40.070 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, 42.756, 40.070

Background



This preview shows how black text looks on a background with the CIELCh color 72, 42.756, 40.070.



This preview shows how white text looks on a background with the CIELCh color 72, 42.756, 40.070.

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, 42.756, 40.070

Protanopia

72, 21.006, 95.822

Deuteranopia

72, 30.085, 71.511



Tritanopia
72, 40.610, 15.302

Trichromacy



Original Color
72, 42.756, 40.070

Protanomaly
72, 25.032, 65.332

Deuteranomaly
72, 33.415, 57.235

Tritanomaly
72, 40.588, 24.093

Monochromacy



Original Color
72, 42.756, 40.070

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 14.403, 40.150

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 42.756, 40.070 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(246, 152, 128)` looks like.

```
.text, #text, p{  
    color:rgb(246, 152, 128)  
}
```

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(246, 152, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 152, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 42.756, 40.070 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(246, 152, 128) }
```

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

```
.border{ border-color:rgb(246, 152, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 152, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 152, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 152, 128);  
box-shadow:4px 4px 4px 4px rgb(246, 152,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 42.756, 40.070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 152, 128) }
```

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

```
.background{ background-color: rgb(246,  
152, 128) }
```

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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