

Converting Colors

CIELCh(72, 38.597, 37.948)

Have a look what the booklet for
CIELCh(72, 38.597, 37.948) contains.

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Color

CIELCh(72, 38.497, 37.730)

Conversions

Conversions Part 1

Format	Color
Hex	F19A87
RGB	241, 154, 135
RGB Percent	95%, 60%, 53%
CMY	0.0541, 0.3954, 0.4699
CMYK	0.00, 0.36, 0.44, 0.05
HSL	11°, 79%, 74%
HSV	11°, 44%, 95%
XYZ	52.3130, 43.6590, 28.6544
YIQ	177.8470, 57.9510, 12.5350

Conversions

Conversions Part 2

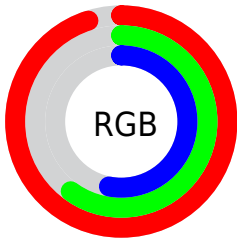
Format	Color
R _Y B	241, 158, 135
Decimal	15833735
CIE Lab	72.00, 30.45, 23.56
CIE LCh	72, 38.497, 37.730
Yxy	43.6590, 0.4198, 0.3503
Android (android.graphics.Color)	4294023815 (0xFFFF19A87)
YUV	177.8470, -21.1236, 55.3852
Hunter-Lab	66.0750, 25.6912, 20.5405

Details

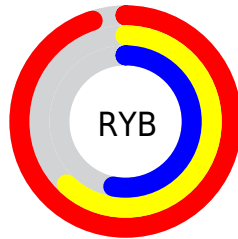
The CIELCh color **72, 38.497, 37.730** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84, 27.641, 219.261**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 21.097, 51.440**, and **52, 38.485, 37.963** is the 20% darker color. If you saturate the color by 10%, you get **67, 49.157, 38.419**, and if you desaturate by 10%, it is **77, 28.529, 37.293**.

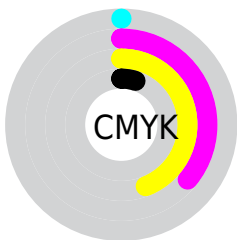
Distribution



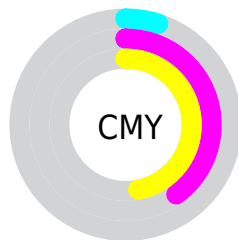
- Red (95%)
- Green (60%)
- Blue (53%)



- Red (95%)
- Yellow (62%)
- Blue (53%)



- Cyan (0%)
- Magenta (36%)
- Yellow (44%)
- Black (5%)



- Cyan (5%)
- Magenta (40%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 38.497, 37.730 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, 38.497, 37.730 by changing the saturation by 10% instead.

72, 38.497, 37.730

72, 38.497, 37.730

100, 38.497,
37.730

62, 38.497, 37.730

92, 38.497, 37.730

52, 38.497, 37.730

42, 38.497, 37.730

32, 38.497, 37.730

22, 38.497, 37.730

12, 38.497, 37.730

2, 38.497, 37.730

0, 38.497, 37.730

72, 38.497, 37.730

72, 38.497, 37.730

67, 49.157, 38.419

77, 28.529, 37.293

63, 60.386, 39.373

82, 19.295, 37.050

59, 71.888, 40.558

88, 10.778, 36.952

56, 82.998, 41.773

93, 2.932, 36.846

54, 92.260, 42.456

99, 4.211, 212.206

52, 96.437, 42.534

99, 4.756, 199.243

Harmonies

Complementary

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



72, 38.497, 37.730



84, 27.641, 219.261

Rectangle

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



72, 38.497, 37.730



72, 38.497, 87.730



72, 38.497, 217.730



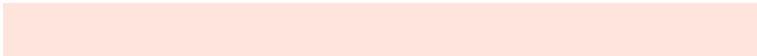
72, 38.497, 267.730

Sweetspot

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



72, 38.495, 37.735



93, 10.461, 36.948



71, 59.096, 332.186



48, 7.388, 36.959



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, 38.495, 37.735



71, 50.358, 38.355



84, 39.828, 85.303



47, 4.284, 36.932



40, 78.176, 42.909



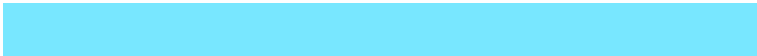
9, 26.506, 33.837

Inverse Universe

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



84, 27.641, 219.261



86, 33.200, 220.302



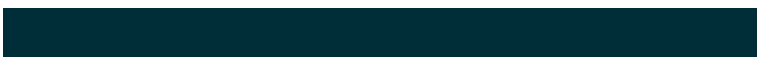
70, 39.574, 278.852



49, 4.034, 217.375



58, 34.077, 231.024



17, 14.858, 225.597

Previews

White Background



This preview shows how the CIELCh color 72, 38.497, 37.730 looks on a white background.

Color Contrast Check

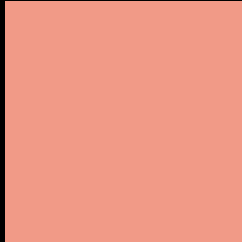
Large Text (above 18pt) WCAG AA × Fail

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, 38.497, 37.730 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, 38.497, 37.730

Background



This preview shows how black text looks on a background with the CIELCh color 72, 38.497, 37.730.

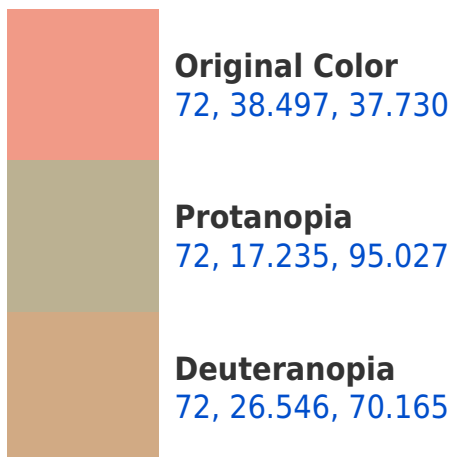


This preview shows how white text looks on a background with the CIELCh color 72, 38.497, 37.730.

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, 37.340, 13.351

Trichromacy



Original Color
72, 38.497, 37.730

Protanomaly
72, 21.625, 62.443

Deuteranomaly
72, 29.739, 54.858

Tritanomaly
72, 36.619, 22.920

Monochromacy



Original Color
72, 38.497, 37.730

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 13.207, 37.008

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 38.497, 37.730 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(241, 154, 135)` looks like.

```
.text, #text, p{  
    color:rgb(241, 154, 135)  
}
```

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(241, 154, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 154, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 38.497, 37.730 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(241, 154, 135) }
```

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

```
.border{ border-color:rgb(241, 154, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 154, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 154, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 154, 135);  
box-shadow:4px 4px 4px 4px rgb(241, 154,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 38.497, 37.730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 154, 135) }
```

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

```
.background{ background-color: rgb(241,  
154, 135) }
```

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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