

Converting Colors

CIELCh(72, 60.158, 67.556)

Have a look what the booklet for
CIELCh(72, 60.158, 67.556) contains.

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Color

CIELCh(72, 60.046, 67.840)

Conversions

Conversions Part 1

Format	Color
Hex	F09F49
RGB	240, 159, 73
RGB Percent	94%, 62%, 29%
CMY	0.0600, 0.3775, 0.7147
CMYK	0.00, 0.34, 0.70, 0.06
HSL	31°, 85%, 61%
HSV	31°, 70%, 94%
XYZ	49.3827, 43.6590, 12.0843
YIQ	173.4150, 75.8820, -9.5740

Conversions

Conversions Part 2

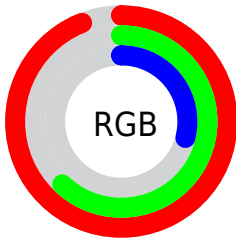
Format	Color
R _Y B	230, 240, 73
Decimal	15769417
CIE Lab	72.00, 22.65, 55.61
CIE LCh	72, 60.046, 67.840
Yxy	43.6590, 0.4697, 0.4153
Android (android.graphics.Color)	4293959497 (0xFFFF09F49)
YUV	173.4150, -49.5046, 58.3950
Hunter-Lab	66.0750, 17.7750, 35.4090

Details

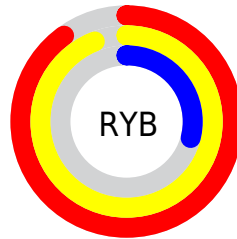
The CIELCh color **72, 60.046, 67.840** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **62, 50.439, 273.239**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 49.094, 85.748**, and **52, 60.012, 67.727** is the 20% darker color. If you saturate the color by 10%, you get **69, 68.757, 66.188**, and if you desaturate by 10%, it is **75, 50.787, 69.289**.

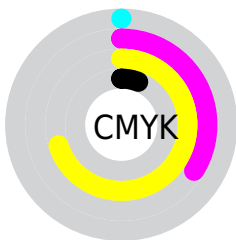
Distribution



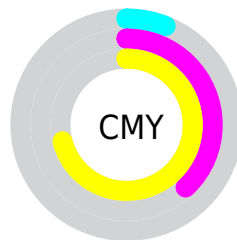
- Red (94%)
- Green (62%)
- Blue (29%)



- Red (90%)
- Yellow (94%)
- Blue (29%)



- Cyan (0%)
- Magenta (34%)
- Yellow (70%)
- Black (6%)



- Cyan (6%)
- Magenta (38%)
- Yellow (71%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 60.046, 67.840 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, 60.046, 67.840 by changing the saturation by 10% instead.

 72, 60.046, 67.840

 72, 60.046, 67.840

 100, 60.046,
67.840

 62, 60.046, 67.840

 92, 60.046, 67.840

 52, 60.046, 67.840

 42, 60.046, 67.840

 32, 60.046, 67.840

 22, 60.046, 67.840

 12, 60.046, 67.840

 2, 60.046, 67.840

 0, 60.046, 67.840

 72, 60.046, 67.840

 72, 60.046, 67.840

69, 68.757, 66.188

75, 50.787, 69.289

67, 75.998, 64.076

78, 41.503, 70.646

64, 80.943, 61.279

81, 32.447, 71.967

64, 81.109, 61.183

85, 23.726, 73.267

88, 15.372, 74.547

91, 7.380, 75.787

95, 0.272, 258.581

98, 4.436, 221.399

99, 5.264, 199.198

Harmonies

Complementary

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



72, 60.046, 67.840



62, 50.439, 273.239

Rectangle

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



72, 60.046, 67.840



72, 60.046, 117.840



72, 60.046, 247.840



72, 60.046, 297.840

Sweetspot

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



72, 60.045, 67.843



92, 17.330, 74.367



58, 70.460, 352.749



48, 11.803, 74.014



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, 60.045, 67.843



72, 75.834, 65.287



92, 78.388, 103.919



48, 4.345, 75.807



50, 66.202, 61.869



14, 23.425, 62.805

Inverse Universe

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



62, 50.439, 273.239



60, 63.643, 279.278



42, 98.089, 301.869



48, 4.259, 258.349



39, 58.127, 285.498



10, 21.955, 277.923

Previews

White Background



This preview shows how the CIELCh color 72, 60.046, 67.840 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, 60.046, 67.840 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, 60.046, 67.840

Background



This preview shows how black text looks on a background with the CIELCh color 72, 60.046, 67.840.



This preview shows how white text looks on a background with the CIELCh color 72, 60.046, 67.840.

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](#).

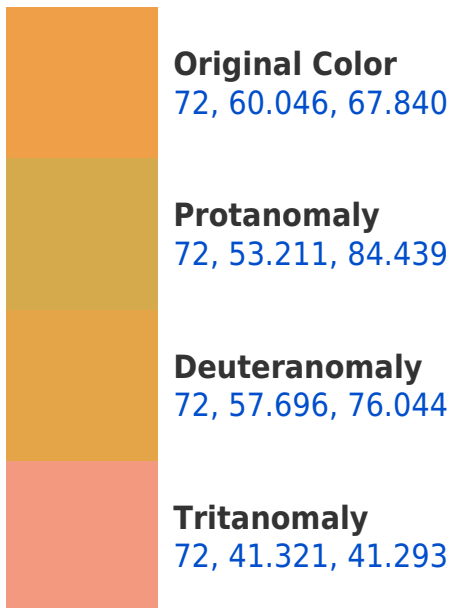
Dichromacy





Tritanopia
72, 38.579, 14.616

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 60.046, 67.840 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(240, 159, 73)` looks like.

```
.text, #text, p{  
    color:rgb(240, 159, 73)  
}
```

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(240, 159, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 159, 73) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 60.046, 67.840 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(240, 159, 73) }
```

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

```
.border{ border-color:rgb(240, 159, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 159, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 159, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 159, 73);  
box-shadow:4px 4px 4px 4px rgb(240, 159,  
73) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 60.046, 67.840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 159, 73) }
```

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

```
.background{ background-color: rgb(240,  
159, 73) }
```

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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