

Converting Colors

CIELCh(71, 58.735, 64.396)

Have a look what the booklet for
CIELCh(71, 58.735, 64.396) contains.

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Color

CIELCh(71, 58.805, 64.360)

Conversions

Conversions Part 1

Format	Color
Hex	F09A4C
RGB	240, 154, 76
RGB Percent	94%, 60%, 30%
CMY	0.0586, 0.3958, 0.7018
CMYK	0.00, 0.36, 0.68, 0.06
HSL	29°, 85%, 62%
HSV	29°, 68%, 94%
XYZ	48.8270, 42.1875, 12.4162
YIQ	170.8220, 76.2940, -6.0260

Conversions

Conversions Part 2

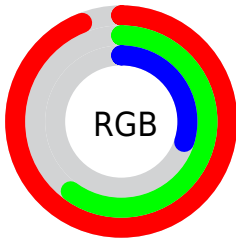
Format	Color
R _Y B	240, 225, 76
Decimal	15768140
CIE Lab	71.00, 25.45, 53.01
CIE LCh	71, 58.805, 64.360
Yxy	42.1875, 0.4721, 0.4079
Android (android.graphics.Color)	4293958220 (0xFFFF09A4C)
YUV	170.8220, -46.7472, 60.6691
Hunter-Lab	64.9519, 20.5198, 34.1324

Details

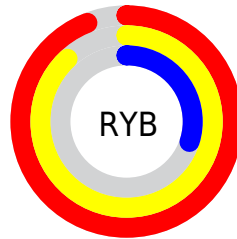
The CIELCh color **71, 58.805, 64.360** is a light color, and the websafe version is hex **FF9966**. The color can be described as light washed orange. A complement of this color would be **65, 46.666, 268.337**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **86, 46.475, 82.001**, and **51, 58.686, 64.096** is the 20% darker color. If you saturate the color by 10%, you get **68, 68.005, 62.903**, and if you desaturate by 10%, it is **74, 49.282, 65.651**.

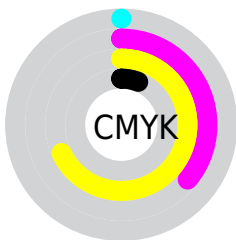
Distribution



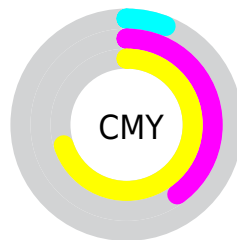
- Red (94%)
- Green (60%)
- Blue (30%)



- Red (94%)
- Yellow (88%)
- Blue (30%)



- Cyan (0%)
- Magenta (36%)
- Yellow (68%)
- Black (6%)



- Cyan (6%)
- Magenta (40%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 58.805, 64.360 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 71, 58.805, 64.360 by changing the saturation by 10% instead.

71, 58.805, 64.360

71, 58.805, 64.360

100, 58.805,
64.360

61, 58.805, 64.360

91, 58.805, 64.360

51, 58.805, 64.360

41, 58.805, 64.360

31, 58.805, 64.360

21, 58.805, 64.360

11, 58.805, 64.360

1, 58.805, 64.360

0, 58.805, 64.360

71, 58.805, 64.360

71, 58.805, 64.360

68, 68.005, 62.903

74, 49.282, 65.651

65, 76.018, 61.024

77, 39.892, 66.878

63, 81.751, 58.395

81, 30.840, 68.092

62, 82.629, 57.953

84, 22.203, 69.303

88, 13.993, 70.506

92, 6.193, 71.673

95, 1.231, 253.294

99, 5.060, 200.572

99, 5.142, 199.208

Harmonies

Complementary

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



71, 58.805, 64.360



65, 46.666, 268.337

Rectangle

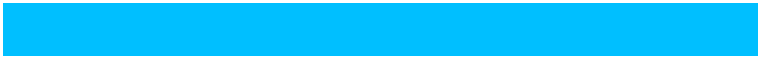
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71, 58.805, 64.360



71, 58.805, 114.360



71, 58.805, 244.360



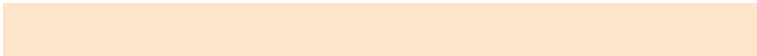
71, 58.805, 294.360

Sweetspot

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



71, 58.804, 64.363



92, 16.116, 70.297



58, 70.664, 350.172



48, 11.076, 69.959



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



71, 58.804, 64.363



71, 74.712, 62.230



91, 75.402, 102.305



48, 4.237, 71.543



48, 67.303, 58.648



13, 23.438, 58.658

Inverse Universe

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



65, 46.666, 268.337



63, 57.962, 274.144



44, 92.990, 300.539



48, 4.128, 254.010



41, 53.697, 281.547



10, 20.482, 273.624

Previews

White Background



This preview shows how the CIELCh color 71, 58.805, 64.360 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 71, 58.805, 64.360 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 71, 58.805, 64.360

Background



This preview shows how black text looks on a background with the CIELCh color 71, 58.805, 64.360.



This preview shows how white text looks on a background with the CIELCh color 71, 58.805, 64.360.

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



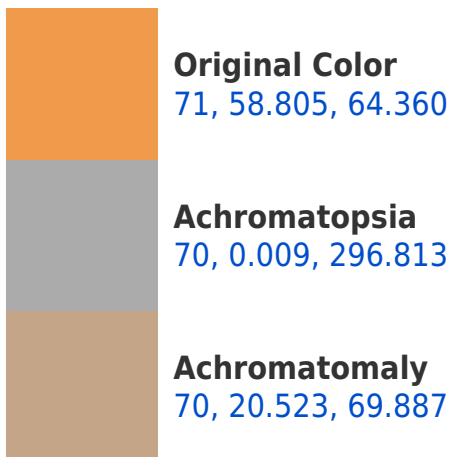


Tritanopia
71, 40.349, 15.259

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 58.805, 64.360 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, 154, 76)` looks like.

```
.text, #text, p{  
    color:rgb(240, 154, 76)  
}
```

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, 154, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 154, 76) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 58.805, 64.360 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, 154, 76) }
```

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

```
.border{ border-color:rgb(240, 154, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 154, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 154, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 154, 76);  
box-shadow:4px 4px 4px 4px rgb(240, 154,  
76) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 58.805, 64.360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 154, 76) }
```

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

```
.background{ background-color: rgb(240,  
154, 76) }
```

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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