

Converting Colors

CIELCh(70, 75.655, 68.968)

Have a look what the booklet for
CIELCh(70, 75.655, 68.968) contains.

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Color

CIELCh(70, 75.727, 69.056)

Conversions

Conversions Part 1

Format	Color
Hex	F3961A
RGB	243, 150, 26
RGB Percent	95%, 59%, 10%
CMY	0.0488, 0.4132, 0.8962
CMYK	0.00, 0.38, 0.89, 0.05
HSL	34°, 90%, 53%
HSV	34°, 89%, 95%
XYZ	47.8506, 40.7494, 6.3482
YIQ	163.6710, 95.2320, -18.8480

Conversions

Conversions Part 2

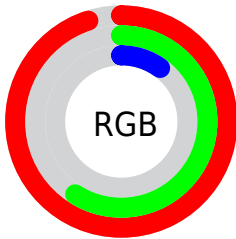
Format	Color
R _Y B	189, 243, 26
Decimal	15963674
CIE Lab	70.00, 27.07, 70.72
CIE LCh	70, 75.727, 69.056
Yxy	40.7494, 0.5040, 0.4292
Android (android.graphics.Color)	4294153754 (0xFFFF3961A)
YUV	163.6710, -67.8718, 69.5715
Hunter-Lab	63.8353, 22.0910, 38.7885

Details

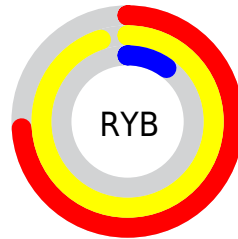
The CIELCh color **70, 75.727, 69.056** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **52, 71.685, 286.411**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 63.515, 84.500**, and **50, 64.462, 64.939** is the 20% darker color. If you saturate the color by 10%, you get **68, 79.996, 66.248**, and if you desaturate by 10%, it is **72, 68.999, 71.230**.

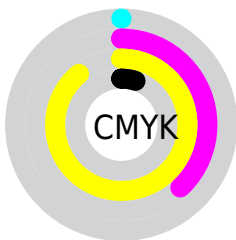
Distribution



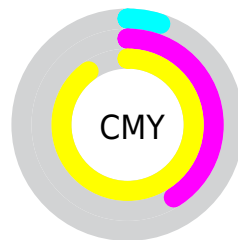
- Red (95%)
- Green (59%)
- Blue (10%)



- Red (74%)
- Yellow (95%)
- Blue (10%)



- Cyan (0%)
- Magenta (38%)
- Yellow (89%)
- Black (5%)



- Cyan (5%)
- Magenta (41%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 75.727, 69.056 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 70, 75.727, 69.056 by changing the saturation by 10% instead.

70, 75.727, 69.056

70, 75.727, 69.056

100, 75.727,
69.056

60, 75.727, 69.056

90, 75.727, 69.056

50, 75.727, 69.056

40, 75.727, 69.056

30, 75.727, 69.056

20, 75.727, 69.056

10, 75.727, 69.056

0, 75.727, 69.056

70, 75.727, 69.056

70, 75.727, 69.056

68, 79.996, 66.248

72, 68.999, 71.230

67, 80.350, 65.990

75, 60.645, 72.989

78, 51.570, 74.545

81, 42.320, 76.003

84, 33.175, 77.409

87, 24.265, 78.779

90, 15.641, 80.113

93, 7.312, 81.395

96, 0.733, 263.208

Harmonies

Complementary

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



70, 75.727, 69.056



52, 71.685, 286.411

Rectangle

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



70, 75.727, 69.056



70, 75.727, 119.056



70, 75.727, 249.056



70, 75.727, 299.056

Sweetspot

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



70, 75.725, 69.059



91, 23.372, 79.050



53, 79.093, 4.255



47, 15.845, 78.588



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 75.725, 69.059



71, 83.477, 65.885



92, 91.052, 106.854



50, 4.611, 81.345



53, 65.758, 66.630



16, 24.831, 68.712

Inverse Universe

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



52, 71.685, 286.411



50, 84.475, 291.062



33, 122.226, 305.767



48, 4.555, 263.926



37, 65.341, 290.224



9, 25.090, 283.565

Previews

White Background



This preview shows how the CIELCh color 70, 75.727, 69.056 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 70, 75.727, 69.056 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 70, 75.727, 69.056

Background



This preview shows how black text looks on a background with the CIELCh color 70, 75.727, 69.056.



This preview shows how white text looks on a background with the CIELCh color 70, 75.727, 69.056.

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

70, 75.943, 69.132

Protanopia

70, 67.214, 95.256

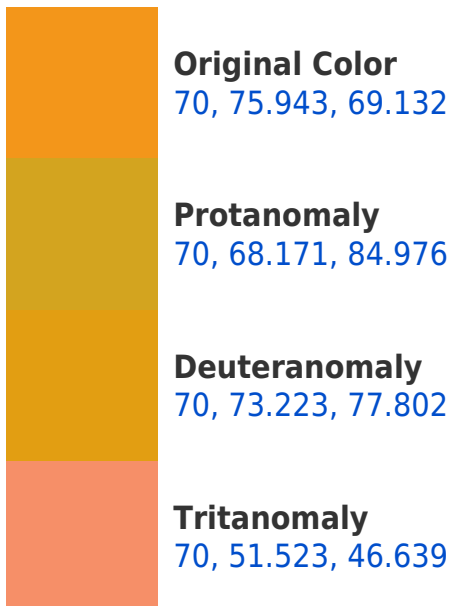
Deuteranopia

70, 72.611, 83.027

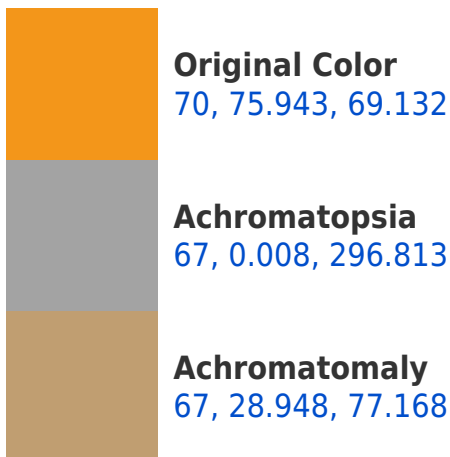


Tritanopia
70, 44.276, 17.245

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 75.727, 69.056 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(243, 150, 26)` looks like.

```
.text, #text, p{  
    color:rgb(243, 150, 26)  
}
```

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(243, 150, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 150, 26) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 75.727, 69.056 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(243, 150, 26) }
```

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

```
.border{ border-color:rgb(243, 150, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 150, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 150, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 150, 26);  
box-shadow:4px 4px 4px 4px rgb(243, 150,  
26) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 75.727, 69.056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 150, 26) }
```

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

```
.background{ background-color: rgb(243,  
150, 26) }
```

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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