

Converting Colors

CIELCh(74, 99.076, 36.395)

Have a look what the booklet for
CIELCh(74, 99.076, 36.395) contains.

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Color

CIELCh(62, 71.990, 36.659)

Conversions

Conversions Part 1

Format	Color
Hex	FE634D
RGB	254, 99, 77
RGB Percent	100%, 39%, 30%
CMY	0.0056, 0.6127, 0.6983
CMYK	0.00, 0.61, 0.70, 0.01
HSL	7°, 98%, 65%
HSV	7°, 70%, 99%
XYZ	46.4918, 30.4025, 10.4267
YIQ	142.8370, 99.4420, 26.0180

Conversions

Conversions Part 2

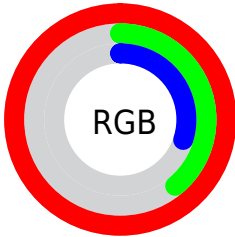
Format	Color
RYB	254, 102, 77
Decimal	16671565
CIELab	62.00, 57.75, 42.98
CIElCh	62, 71.990, 36.659
Yxy	30.4025, 0.5324, 0.3482
Android (android.graphics.Color)	4294861645 (0xFFFE634D)
YUV	142.8370, -32.4576, 97.4900
Hunter-Lab	55.1385, 54.0157, 27.3852

Details

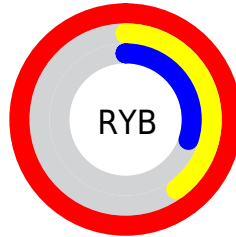
The CIELCh color **62, 71.990, 36.659** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle washed orange. A complement of this color would be **85, 40.022, 213.916**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **74, 46.090, 41.526**, and **42, 71.925, 36.671** is the 20% darker color. If you saturate the color by 10%, you get **58, 83.901, 38.603**, and if you desaturate by 10%, it is **66, 59.886, 34.969**.

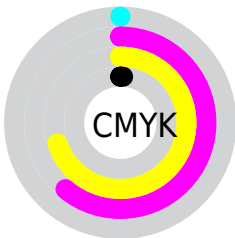
Distribution



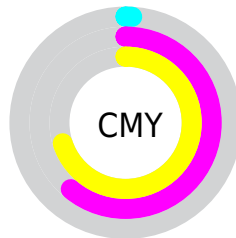
- Red (100%)
- Green (39%)
- Blue (30%)



- Red (100%)
- Yellow (40%)
- Blue (30%)



- Cyan (0%)
- Magenta (61%)
- Yellow (70%)
- Black (1%)



- Cyan (1%)
- Magenta (61%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 71.990, 36.659 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 62, 71.990, 36.659 by changing the saturation by 10% instead.

62, 71.990, 36.659

62, 71.990, 36.659

100, 71.990,
36.659

52, 71.990, 36.659

82, 71.990, 36.659

42, 71.990, 36.659

92, 71.990, 36.659

32, 71.990, 36.659

22, 71.990, 36.659

12, 71.990, 36.659

2, 71.990, 36.659

0, 71.990, 36.659

62, 71.990, 36.659

62, 71.990, 36.659

58, 83.901, 38.603

66, 59.886, 34.969

■ 56, 94.479, 40.364

■ 71, 48.122, 33.633

■ 54, 101.811,
41.248

■ 76, 36.960, 32.640

■ 54, 102.027,
41.286

■ 82, 26.525, 31.932

■ 88, 16.857, 31.446

■ 94, 7.941, 31.108

100, 0.270,
213.490

100, 0.497,
200.706

Harmonies

Complementary

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



62, 71.990, 36.659



85, 40.022, 213.916

Rectangle

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



62, 71.990, 36.659



62, 71.990, 86.659



62, 71.990, 216.659



62, 71.990, 266.659

Sweetspot

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



62, 71.987, 36.662



87, 18.192, 31.501



63, 92.571, 331.908



45, 12.457, 31.623



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



62, 71.987, 36.662



58, 89.168, 39.438



80, 64.238, 77.077



50, 4.693, 31.103



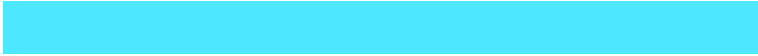
41, 82.189, 41.557



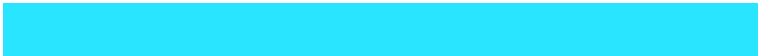
11, 31.107, 33.239

Inverse Universe

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



85, 40.022, 213.916



84, 42.988, 216.116



61, 62.032, 282.674



52, 4.410, 211.053



63, 35.414, 219.105



21, 16.433, 216.020

Previews

White Background



This preview shows how the CIELCh color 62, 71.990, 36.659 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 62, 71.990, 36.659 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 62, 71.990, 36.659

Background



This preview shows how black text looks on a background with the CIELCh color 62, 71.990, 36.659.



This preview shows how white text looks on a background with the CIELCh color 62, 71.990, 36.659.

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

62, 72.091, 36.707

Protanopia

62, 30.990, 95.326

Deuteranopia

62, 45.962, 79.938



Tritanopia
62, 67.964, 25.875

Trichromacy



Original Color
62, 72.091, 36.707

Protanomaly
61, 39.427, 58.060

Deuteranomaly
61, 51.567, 57.633

Tritanomaly
62, 69.100, 29.970

Monochromacy



Original Color
62, 72.091, 36.707

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 24.437, 32.349

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 71.990, 36.659 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(254, 99, 77)` looks like.

```
.text, #text, p{  
    color:rgb(254, 99, 77)  
}
```

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(254, 99, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 99, 77) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 71.990, 36.659 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(254, 99, 77) }
```

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

```
.border{ border-color:rgb(254, 99, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 99, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 99, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 99, 77);  
box-shadow:4px 4px 4px 4px rgb(254, 99,  
77) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 71.990, 36.659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 99, 77) }
```

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

```
.background{ background-color: rgb(254, 99,  
77) }
```

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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