

Converting Colors

CIELCh(62, 70.985, 39.253)

Have a look what the booklet for
CIELCh(62, 70.985, 39.253) contains.

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Color

CIELCh(62, 70.902, 39.219)

Conversions

Conversions Part 1

Format	Color
Hex	FA6649
RGB	250, 102, 73
RGB Percent	98%, 40%, 29%
CMY	0.0186, 0.5991, 0.7130
CMYK	0.00, 0.59, 0.71, 0.02
HSL	10°, 95%, 63%
HSV	10°, 71%, 98%
XYZ	45.5004, 30.4025, 9.8074
YIQ	142.9460, 97.5170, 22.3570

Conversions

Conversions Part 2

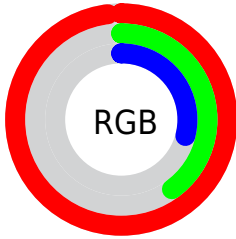
Format	Color
R _Y B	250, 108, 73
Decimal	16410185
CIE Lab	62.00, 54.93, 44.83
CIE LCh	62, 70.902, 39.219
Yxy	30.4025, 0.5309, 0.3547
Android (android.graphics.Color)	4294600265 (0xFFFA6649)
YUV	142.9460, -34.4834, 93.8864
Hunter-Lab	55.1385, 50.8063, 28.0511

Details

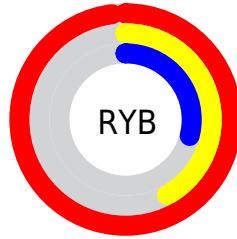
The CIELCh color **62, 70.902, 39.219** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **82, 39.067, 220.666**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **74, 46.885, 45.051**, and **42, 70.829, 39.326** is the 20% darker color. If you saturate the color by 10%, you get **59, 82.609, 40.659**, and if you desaturate by 10%, it is **66, 59.028, 37.932**.

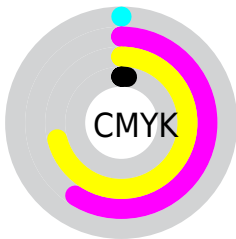
Distribution



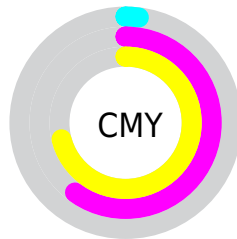
- Red (98%)
- Green (40%)
- Blue (29%)



- Red (98%)
- Yellow (42%)
- Blue (29%)



- Cyan (0%)
- Magenta (59%)
- Yellow (71%)
- Black (2%)



- Cyan (2%)
- Magenta (60%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 70.902, 39.219 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, 70.902, 39.219 by changing the saturation by 10% instead.

62, 70.902, 39.219

62, 70.902, 39.219

100, 70.902,
39.219

52, 70.902, 39.219

82, 70.902, 39.219

42, 70.902, 39.219

92, 70.902, 39.219

32, 70.902, 39.219

22, 70.902, 39.219

12, 70.902, 39.219

2, 70.902, 39.219

0, 70.902, 39.219

62, 70.902, 39.219

62, 70.902, 39.219

59, 82.609, 40.659

66, 59.028, 37.932

56, 92.946, 41.802

71, 47.535, 36.922

54, 99.768, 42.117

76, 36.670, 36.200

81, 26.539, 35.724

87, 17.166, 35.445

92, 8.527, 35.298

98, 0.571, 34.244

100, 1.645,
199.704

Harmonies

Complementary

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



62, 70.902, 39.219



82, 39.067, 220.666

Rectangle

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



62, 70.902, 39.219



62, 70.902, 89.219



62, 70.902, 219.219



62, 70.902, 269.219

Sweetspot

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



62, 70.899, 39.222



88, 17.658, 35.450



62, 90.438, 333.322



45, 12.092, 35.512



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, 70.899, 39.222



58, 88.616, 41.234



80, 65.302, 79.825



49, 4.479, 35.283



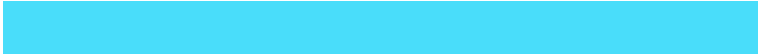
41, 80.292, 42.464



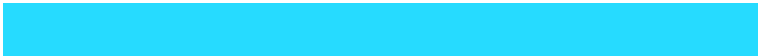
11, 29.256, 34.554

Inverse Universe

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



82, 39.067, 220.666



81, 42.405, 223.871



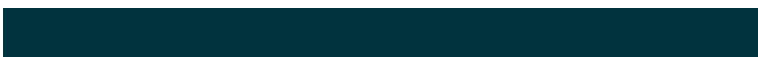
58, 65.738, 285.580



51, 4.214, 215.588



60, 34.719, 227.747



19, 15.747, 223.270

Previews

White Background



This preview shows how the CIELCh color 62, 70.902, 39.219 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, 70.902, 39.219 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, 70.902, 39.219

Background



This preview shows how black text looks on a background with the CIELCh color 62, 70.902, 39.219.



This preview shows how white text looks on a background with the CIELCh color 62, 70.902, 39.219.

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
62, 65.369, 25.277

Trichromacy



Original Color
62, 70.902, 39.219

Protanomaly
61, 40.754, 62.983

Deuteranomaly
61, 51.945, 59.882

Tritanomaly
62, 66.591, 30.776

Monochromacy



Original Color
62, 70.902, 39.219

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 23.927, 35.162

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 70.902, 39.219 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(250, 102, 73)` looks like.

```
.text, #text, p{  
    color:rgb(250, 102, 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(250, 102, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 102, 73) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 70.902, 39.219 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(250, 102, 73) }
```

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

```
.border{ border-color:rgb(250, 102, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 102, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 102, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 102, 73);  
box-shadow:4px 4px 4px 4px rgb(250, 102,  
73) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 70.902, 39.219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 102, 73) }
```

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

```
.background{ background-color: rgb(250,  
102, 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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