

Converting Colors

CIELCh(70, 64.061, 59.997)

Have a look what the booklet for
CIELCh(70, 64.061, 59.997) contains.

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Color

CIELCh(70, 64.115, 59.934)

Conversions

Conversions Part 1

Format	Color
Hex	F79245
RGB	247, 146, 69
RGB Percent	97%, 57%, 27%
CMY	0.0315, 0.4275, 0.7295
CMYK	0.00, 0.41, 0.72, 0.03
HSL	26°, 92%, 62%
HSV	26°, 72%, 97%
XYZ	49.6973, 40.7494, 10.8728
YIQ	167.4210, 84.9130, -2.5350

Conversions

Conversions Part 2

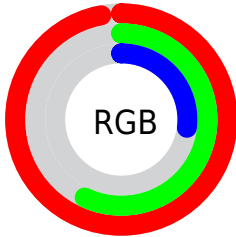
Format	Color
R _Y B	247, 205, 69
Decimal	16224837
CIE Lab	70.00, 32.12, 55.49
CIE LCh	70, 64.115, 59.934
Yxy	40.7494, 0.4905, 0.4022
Android (android.graphics.Color)	4294414917 (0xFFFF79245)
YUV	167.4210, -48.5216, 69.7908
Hunter-Lab	63.8353, 27.2548, 34.5861

Details

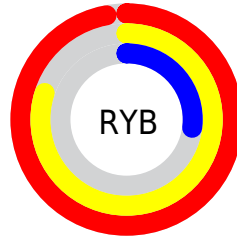
The CIELCh color **70, 64.115, 59.934** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **67, 46.957, 264.535**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **84, 48.026, 77.977**, and **50, 64.138, 59.776** is the 20% darker color. If you saturate the color by 10%, you get **67, 73.664, 58.596**, and if you desaturate by 10%, it is **73, 54.094, 61.052**.

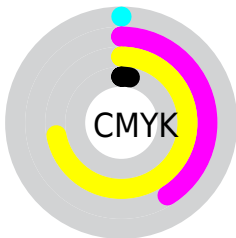
Distribution



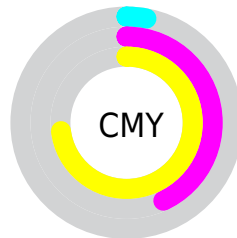
- Red (97%)
- Green (57%)
- Blue (27%)



- Red (97%)
- Yellow (80%)
- Blue (27%)



- Cyan (0%)
- Magenta (41%)
- Yellow (72%)
- Black (3%)



- Cyan (3%)
- Magenta (43%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 64.115, 59.934 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, 64.115, 59.934 by changing the saturation by 10% instead.

70, 64.115, 59.934

70, 64.115, 59.934

100, 64.115,
59.934

60, 64.115, 59.934

90, 64.115, 59.934

50, 64.115, 59.934

40, 64.115, 59.934

30, 64.115, 59.934

20, 64.115, 59.934

10, 64.115, 59.934

0, 64.115, 59.934

70, 64.115, 59.934

70, 64.115, 59.934

67, 73.664, 58.596

73, 54.094, 61.052

64, 81.646, 56.691

77, 44.194, 62.102

62, 86.323, 54.661

81, 34.680, 63.153

84, 25.653, 64.224

88, 17.132, 65.312

92, 9.097, 66.397

96, 1.511, 67.237

99, 2.780, 199.467

Harmonies

Complementary

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



70, 64.115, 59.934



67, 46.957, 264.535

Rectangle

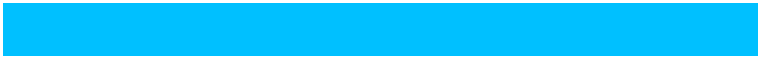
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70, 64.115, 59.934



70, 64.115, 109.934



70, 64.115, 239.934



70, 64.115, 289.934

Sweetspot

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



70, 64.113, 59.937



91, 17.525, 65.316



59, 76.653, 347.634



47, 11.871, 65.019



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, 64.113, 59.937



68, 79.081, 57.913



91, 77.227, 99.204



49, 4.221, 66.670



47, 69.454, 55.367



13, 24.822, 54.626

Inverse Universe

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



67, 46.957, 264.535



64, 56.051, 270.783



45, 95.431, 299.787



49, 4.085, 249.002



44, 49.729, 276.645



12, 19.699, 268.841

Previews

White Background



This preview shows how the CIELCh color 70, 64.115, 59.934 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, 64.115, 59.934 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, 64.115, 59.934

Background



This preview shows how black text looks on a background with the CIELCh color 70, 64.115, 59.934.



This preview shows how white text looks on a background with the CIELCh color 70, 64.115, 59.934.

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, 64.115, 59.934

Protanopia

70, 50.445, 95.981

Deuteranopia

70, 57.311, 80.897



Tritanopia
70, 46.384, 17.847

Trichromacy



Original Color
70, 64.115, 59.934

Protanomaly
70, 52.448, 80.840

Deuteranomaly
70, 58.666, 72.641

Tritanomaly
70, 49.466, 36.776

Monochromacy



Original Color
70, 64.115, 59.934

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 22.022, 63.954

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 64.115, 59.934 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(247, 146, 69)` looks like.

```
.text, #text, p{  
    color:rgb(247, 146, 69)  
}
```

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(247, 146, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 146, 69) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 64.115, 59.934 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(247, 146, 69) }
```

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

```
.border{ border-color:rgb(247, 146, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 146, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 146, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 146, 69);  
box-shadow:4px 4px 4px 4px rgb(247, 146,  
69) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 64.115, 59.934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 146, 69) }
```

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

```
.background{ background-color: rgb(247,  
146, 69) }
```

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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