

Converting Colors

CIELCh(70, 74.505, 66.988)

Have a look what the booklet for
CIELCh(70, 74.505, 66.988) contains.

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Color

CIELCh(70, 74.459, 66.991)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | F59423 |
| RGB | 245, 148, 35 |
| RGB Percent | 96%, 58%, 14% |
| CMY | 0.0389, 0.4193, 0.8624 |
| CMYK | 0.00, 0.40, 0.86, 0.04 |
| HSL | 32°, 91%, 55% |
| HSV | 32°, 86%, 96% |
| XYZ | 48.5889, 40.7494, 6.9009 |
| YIQ | 164.1210, 94.0850, -14.5790 |

Conversions

Conversions Part 2

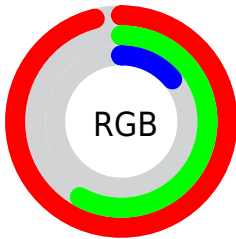
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 215, 245, 35 |
| Decimal | 16094243 |
| CIE Lab | 70.00, 29.10, 68.54 |
| CIE LCh | 70, 74.459, 66.991 |
| Yxy | 40.7494, 0.5049, 0.4234 |
| Android (android.graphics.Color) | 4294284323 (0xFF59423) |
| YUV | 164.1210, -63.6567, 70.9309 |
| Hunter-Lab | 63.8353, 24.1554, 38.2751 |

Details

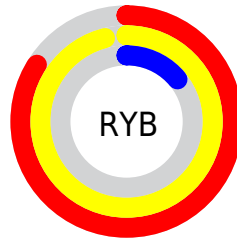
The CIELCh color **70, 74.459, 66.991** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **56, 65.527, 282.163**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 61.011, 83.023**, and **50, 65.348, 63.419** is the 20% darker color. If you saturate the color by 10%, you get **67, 79.987, 64.383**, and if you desaturate by 10%, it is **73, 66.638, 68.952**.

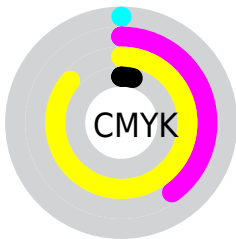
Distribution



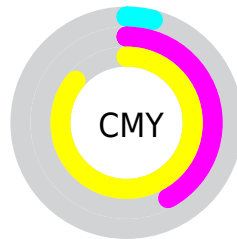
- Red (96%)
- Green (58%)
- Blue (14%)



- Red (84%)
- Yellow (96%)
- Blue (14%)



- Cyan (0%)
- Magenta (40%)
- Yellow (86%)
- Black (4%)



- Cyan (4%)
- Magenta (42%)
- Yellow (86%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 74.459, 66.991 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, 74.459, 66.991 by changing the saturation by 10% instead.

 70, 74.459, 66.991

 70, 74.459, 66.991

 100, 74.459,
66.991

 60, 74.459, 66.991

 90, 74.459, 66.991

 50, 74.459, 66.991

 40, 74.459, 66.991

 30, 74.459, 66.991

 20, 74.459, 66.991

 10, 74.459, 66.991

 0, 74.459, 66.991

 70, 74.459, 66.991

 70, 74.459, 66.991

 67, 79.987, 64.383

 73, 66.638, 68.952

66, 81.788, 63.111

76, 57.648, 70.570

78, 48.269, 72.032

82, 38.924, 73.422

85, 29.815, 74.777

88, 21.025, 76.106

91, 12.577, 77.403

95, 4.462, 78.626

98, 3.057, 256.858

Harmonies

Complementary

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



70, 74.459, 66.991



56, 65.527, 282.163

Rectangle

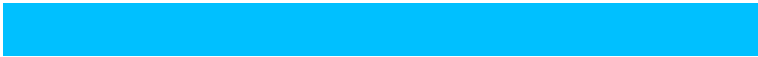
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70, 74.459, 66.991



70, 74.459, 116.991



70, 74.459, 246.991



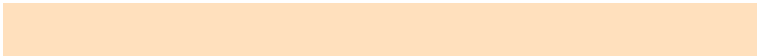
70, 74.459, 296.991

Sweetspot

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



70, 74.457, 66.994



91, 21.996, 76.057



54, 79.083, 0.029



47, 15.018, 75.598



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, 74.457, 66.994



69, 84.313, 63.026



93, 90.235, 105.007



49, 4.495, 78.179



51, 66.357, 63.797



15, 24.689, 65.398

Inverse Universe

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



56, 65.527, 282.163



52, 79.466, 288.489



35, 120.392, 305.163



48, 4.421, 260.749



38, 61.489, 287.608



10, 23.719, 280.654

Previews

White Background



This preview shows how the CIELCh color 70, 74.459, 66.991 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, 74.459, 66.991 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, 74.459, 66.991

Background



This preview shows how black text looks on a background with the CIELCh color 70, 74.459, 66.991.



This preview shows how white text looks on a background with the CIELCh color 70, 74.459, 66.991.

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, 74.459, 66.991

Protanopia

70, 64.894, 95.213

Deuteranopia

70, 70.279, 82.624



Tritanopia
70, 45.530, 17.602

Trichromacy



Original Color
70, 74.459, 66.991

Protanomaly
70, 65.946, 83.761

Deuteranomaly
70, 71.208, 76.935

Tritanomaly
70, 51.557, 44.323

Monochromacy



Original Color
70, 74.459, 66.991

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 27.289, 74.495

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 74.459, 66.991 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(245, 148, 35)` looks like.

```
.text, #text, p{  
    color:rgb(245, 148, 35)  
}
```

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(245, 148, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 148, 35) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 74.459, 66.991 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(245, 148, 35) }
```

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

```
.border{ border-color:rgb(245, 148, 35) }
```

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

Here you see how a box with a 4 pixel rgb(245, 148, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 148, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 148, 35);  
box-shadow:4px 4px 4px 4px rgb(245, 148,  
35) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 74.459, 66.991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 148, 35) }
```

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

```
.background{ background-color: rgb(245,  
148, 35) }
```

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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