

Converting Colors

CIELCh(65, 70.821, 43.878)

Have a look what the booklet for
CIELCh(65, 70.821, 43.878) contains.

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Color

CIELCh(65, 70.484, 43.978)

Conversions

Conversions Part 1

Format	Color
Hex	FF7348
RGB	255, 115, 72
RGB Percent	100%, 45%, 28%
CMY	0.0000, 0.5485, 0.7172
CMYK	0.00, 0.55, 0.72, 0.00
HSL	14°, 100%, 64%
HSV	14°, 72%, 100%
XYZ	48.6125, 34.0472, 10.1594
YIQ	151.9580, 97.2430, 16.3070

Conversions

Conversions Part 2

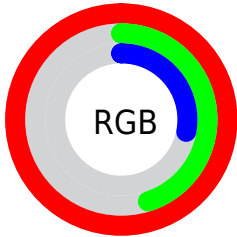
Format	Color
RYB	255, 128, 72
Decimal	16741192
CIELab	65.00, 50.72, 48.94
CIElCh	65, 70.484, 43.978
Yxy	34.0472, 0.5237, 0.3668
Android (android.graphics.Color)	4294931272 (0xFFFF7348)
YUV	151.9580, -39.4193, 90.3678
Hunter-Lab	58.3500, 46.5994, 30.5219

Details

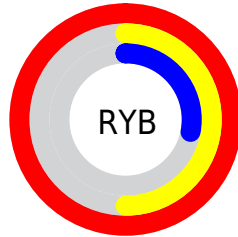
The CIELCh color **65, 70.484, 43.978** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **79, 39.705, 233.240**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 45.702, 54.912**, and **45, 70.135, 43.994** is the 20% darker color. If you saturate the color by 10%, you get **61, 82.007, 44.552**, and if you desaturate by 10%, it is **69, 58.682, 43.435**.

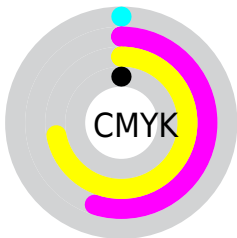
Distribution



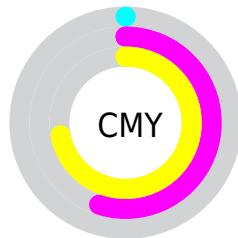
- Red (100%)
- Green (45%)
- Blue (28%)



- Red (100%)
- Yellow (50%)
- Blue (28%)



- Cyan (0%)
- Magenta (55%)
- Yellow (72%)
- Black (0%)



- Cyan (0%)
- Magenta (55%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 70.484, 43.978 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 65, 70.484, 43.978 by changing the saturation by 10% instead.

65, 70.484, 43.978

65, 70.484, 43.978

100, 70.484,
43.978

55, 70.484, 43.978

85, 70.484, 43.978

45, 70.484, 43.978

95, 70.484, 43.978

35, 70.484, 43.978

25, 70.484, 43.978

15, 70.484, 43.978

5, 70.484, 43.978

0, 70.484, 43.978

65, 70.484, 43.978

65, 70.484, 43.978

61, 82.007, 44.552

69, 58.682, 43.435

59, 92.162, 44.674

73, 47.357, 43.039

57, 98.374, 44.154

78, 36.688, 42.837

83, 26.759, 42.814

88, 17.575, 42.937

94, 9.102, 43.158

99, 1.281, 43.074

100, 0.012,
296.813

Harmonies

Complementary

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



65, 70.484, 43.978



79, 39.705, 233.240

Rectangle

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



65, 70.484, 43.978



65, 70.484, 93.978



65, 70.484, 223.978



65, 70.484, 273.978

Sweetspot

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



65, 70.422, 43.993



88, 17.822, 42.932



62, 87.516, 337.179



45, 12.110, 42.887



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



65, 70.422, 43.993



60, 86.638, 44.698



85, 69.848, 86.567



50, 4.375, 43.210



43, 78.753, 44.623



12, 29.463, 39.303

Inverse Universe

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



79, 39.705, 233.240



76, 43.092, 238.089



54, 76.814, 291.334



52, 4.131, 224.165



56, 36.316, 243.273



18, 16.346, 237.188

Previews

White Background



This preview shows how the CIELCh color 65, 70.484, 43.978 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 65, 70.484, 43.978 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 65, 70.484, 43.978

Background



This preview shows how black text looks on a background with the CIELCh color 65, 70.484, 43.978.



This preview shows how white text looks on a background with the CIELCh color 65, 70.484, 43.978.

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

65, 70.484, 43.978

Protanopia

65, 39.641, 95.635

Deuteranopia

65, 51.438, 80.220



Tritanopia
65, 60.313, 23.313

Trichromacy



Original Color
65, 70.484, 43.978

Protanomaly
64, 44.573, 67.858

Deuteranomaly
64, 55.201, 63.170

Tritanomaly
65, 62.901, 32.157

Monochromacy



Original Color
65, 70.484, 43.978

Achromatopsia
63, 0.008, 296.813

Achromatomaly
62, 23.266, 43.537

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 70.484, 43.978 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(255, 115, 72)` looks like.

```
.text, #text, p{  
    color:rgb(255, 115, 72)  
}
```

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(255, 115, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 115, 72) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 70.484, 43.978 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(255, 115, 72) }
```

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

```
.border{ border-color:rgb(255, 115, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 115, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 115, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 115, 72);  
box-shadow:4px 4px 4px 4px rgb(255, 115,  
72) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 70.484, 43.978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 115, 72) }
```

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

```
.background{ background-color: rgb(255,  
115, 72) }
```

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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