

Converting Colors

CIELCh(64, 71.771, 44.407)

Have a look what the booklet for
CIELCh(64, 71.771, 44.407) contains.

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Color

CIELCh(64, 71.827, 44.556)

Conversions

Conversions Part 1

Format	Color
Hex	FD7043
RGB	253, 112, 67
RGB Percent	99%, 44%, 26%
CMY	0.0086, 0.5614, 0.7378
CMYK	0.00, 0.56, 0.74, 0.01
HSL	15°, 98%, 63%
HSV	15°, 74%, 99%
XYZ	47.2219, 32.8017, 9.1294
YIQ	149.0290, 98.4810, 15.8970

Conversions

Conversions Part 2

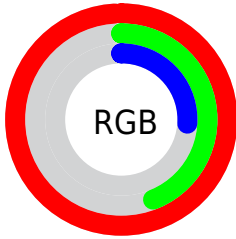
Format	Color
R _Y B	253, 126, 67
Decimal	16609347
CIE Lab	64.00, 51.18, 50.39
CIE LCh	64, 71.827, 44.556
Yxy	32.8017, 0.5297, 0.3679
Android (android.graphics.Color)	4294799427 (0xFFFD7043)
YUV	149.0290, -40.4403, 91.1826
Hunter-Lab	57.2727, 46.9476, 30.6400

Details

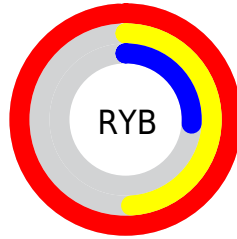
The CIELCh color **64, 71.827, 44.556** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **78, 40.037, 234.969**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **76, 47.725, 54.927**, and **44, 71.721, 44.381** is the 20% darker color. If you saturate the color by 10%, you get **61, 83.159, 45.002**, and if you desaturate by 10%, it is **68, 60.177, 44.055**.

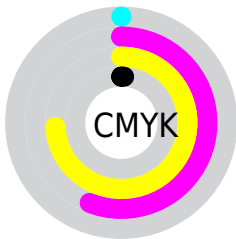
Distribution



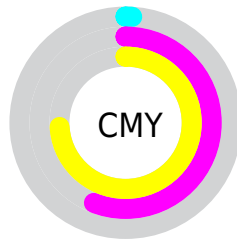
- Red (99%)
- Green (44%)
- Blue (26%)



- Red (99%)
- Yellow (49%)
- Blue (26%)



- Cyan (0%)
- Magenta (56%)
- Yellow (74%)
- Black (1%)



- Cyan (1%)
- Magenta (56%)
- Yellow (74%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 71.827, 44.556 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 64, 71.827, 44.556 by changing the saturation by 10% instead.

 64, 71.827, 44.556

 64, 71.827, 44.556

 100, 71.827,
44.556

 54, 71.827, 44.556

 84, 71.827, 44.556

 44, 71.827, 44.556

 94, 71.827, 44.556

 34, 71.827, 44.556

 24, 71.827, 44.556

 14, 71.827, 44.556

 4, 71.827, 44.556

 0, 71.827, 44.556

 64, 71.827, 44.556

 64, 71.827, 44.556

 61, 83.159, 45.002

 68, 60.177, 44.055

58, 92.754, 44.883

72, 48.872, 43.685

56, 97.413, 44.403

77, 38.190, 43.501

82, 28.231, 43.493

87, 19.011, 43.633

92, 10.501, 43.877

97, 2.644, 44.061

100, 0.763,
200.225

Harmonies

Complementary

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



64, 71.827, 44.556



78, 40.037, 234.969

Rectangle

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



64, 71.827, 44.556



64, 71.827, 94.556



64, 71.827, 224.556



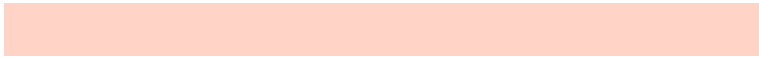
64, 71.827, 274.556

Sweetspot

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



64, 71.824, 44.559



88, 17.767, 43.665



61, 88.180, 337.356



46, 12.073, 43.610



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



64, 71.824, 44.559



60, 88.377, 45.063



84, 70.805, 86.291



50, 4.363, 43.988



43, 78.503, 44.871



12, 29.365, 39.736

Inverse Universe

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



78, 40.037, 234.969



76, 43.646, 240.206



53, 78.439, 291.920



51, 4.121, 225.003



56, 36.557, 244.690



18, 16.407, 238.472

Previews

White Background



This preview shows how the CIELCh color 64, 71.827, 44.556 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 64, 71.827, 44.556 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 64, 71.827, 44.556

Background



This preview shows how black text looks on a background with the CIELCh color 64, 71.827, 44.556.



This preview shows how white text looks on a background with the CIELCh color 64, 71.827, 44.556.

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

64, 71.827, 44.556

Protanopia

64, 41.697, 95.799

Deuteranopia

64, 52.993, 81.118



Tritanopia
64, 62.653, 23.958

Trichromacy



Original Color
64, 71.827, 44.556

Protanomaly
63, 46.438, 69.029

Deuteranomaly
63, 56.575, 64.422

Tritanomaly
64, 64.989, 32.407

Monochromacy



Original Color
64, 71.827, 44.556

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 24.242, 42.810

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 71.827, 44.556 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(253, 112, 67)` looks like.

```
.text, #text, p{  
    color:rgb(253, 112, 67)  
}
```

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(253, 112, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 112, 67) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 71.827, 44.556 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(253, 112, 67) }
```

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

```
.border{ border-color:rgb(253, 112, 67) }
```

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

Here you see how a box with a 4 pixel rgb(253, 112, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 112, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 112, 67);  
box-shadow:4px 4px 4px 4px rgb(253, 112,  
67) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 71.827, 44.556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 112, 67) }
```

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

```
.background{ background-color: rgb(253,  
112, 67) }
```

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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