

Converting Colors

CIELCh(65, 67.883, 41.753)

Have a look what the booklet for
CIELCh(65, 67.883, 41.753) contains.

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Color

CIELCh(65, 67.930, 41.733)

Conversions

Conversions Part 1

Format	Color
Hex	FE734F
RGB	254, 115, 79
RGB Percent	100%, 45%, 31%
CMY	0.0024, 0.5477, 0.6890
CMYK	0.00, 0.55, 0.69, 0.00
HSL	12°, 99%, 65%
HSV	12°, 69%, 100%
XYZ	48.6024, 34.0472, 11.4629
YIQ	152.4570, 94.4000, 18.2720

Conversions

Conversions Part 2

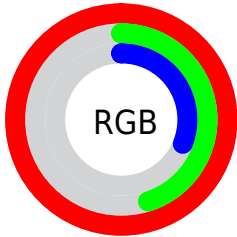
Format	Color
RYB	254, 124, 79
Decimal	16675663
CIELab	65.00, 50.69, 45.22
CIElCh	65, 67.930, 41.733
Yxy	34.0472, 0.5164, 0.3618
Android (android.graphics.Color)	4294865743 (0xFFFE734F)
YUV	152.4570, -36.2143, 89.0532
Hunter-Lab	58.3500, 46.5686, 29.1974

Details

The CIELCh color **65, 67.930, 41.733** 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 **81, 38.680, 227.380**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 43.230, 51.547**, and **45, 67.855, 41.713** is the 20% darker color. If you saturate the color by 10%, you get **61, 79.764, 42.665**, and if you desaturate by 10%, it is **69, 56.131, 40.922**.

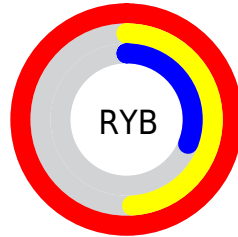
Distribution



Red (100%)

Green (45%)

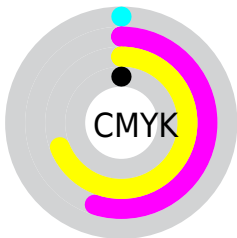
Blue (31%)



Red (100%)

Yellow (49%)

Blue (31%)

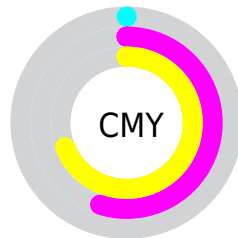


Cyan (0%)

Magenta (55%)

Yellow (69%)

Black (0%)



Cyan (0%)

Magenta (55%)

Yellow (69%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 67.930, 41.733 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, 67.930, 41.733 by changing the saturation by 10% instead.

 65, 67.930, 41.733

 65, 67.930, 41.733

 100, 67.930,
41.733

 55, 67.930, 41.733

 85, 67.930, 41.733

 45, 67.930, 41.733

 95, 67.930, 41.733

 35, 67.930, 41.733

 25, 67.930, 41.733

 15, 67.930, 41.733

 5, 67.930, 41.733

 0, 67.930, 41.733

 65, 67.930, 41.733

 65, 67.930, 41.733

 61, 79.764, 42.665

 69, 56.131, 40.922

58, 90.603, 43.361

74, 44.829, 40.331

56, 98.631, 43.208

79, 34.215, 39.967

56, 99.454, 43.208

84, 24.357, 39.801

89, 15.252, 39.790

95, 6.860, 39.870

100, 0.215,
202.478

Harmonies

Complementary

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



65, 67.930, 41.733



81, 38.680, 227.380

Rectangle

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



65, 67.930, 41.733



65, 67.930, 91.733



65, 67.930, 221.733



65, 67.930, 271.733

Sweetspot

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



65, 67.927, 41.736



88, 17.200, 39.782



63, 87.070, 335.357



46, 11.778, 39.780



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, 67.927, 41.736



60, 84.666, 43.018



84, 66.083, 84.336



50, 4.439, 39.865



42, 79.796, 43.625



12, 29.894, 37.509

Inverse Universe

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



81, 38.680, 227.380



79, 42.082, 231.327



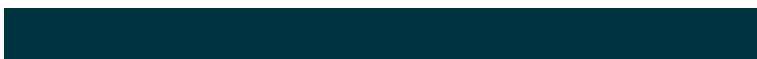
57, 69.763, 288.362



52, 4.182, 220.551



58, 35.508, 236.946



19, 16.169, 231.529

Previews

White Background



This preview shows how the CIELCh color 65, 67.930, 41.733 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, 67.930, 41.733 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, 67.930, 41.733

Background



This preview shows how black text looks on a background with the CIELCh color 65, 67.930, 41.733.



This preview shows how white text looks on a background with the CIELCh color 65, 67.930, 41.733.

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](#).

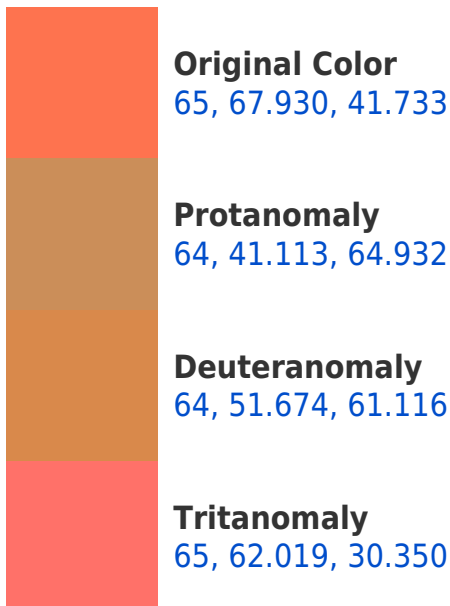
Dichromacy





Tritanopia
65, 60.174, 22.810

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 67.930, 41.733 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(254, 115, 79)` looks like.

```
.text, #text, p{  
    color:rgb(254, 115, 79)  
}
```

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(254, 115, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 115, 79) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 67.930, 41.733 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(254, 115, 79) }
```

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

```
.border{ border-color:rgb(254, 115, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 115, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 115, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 115, 79);  
box-shadow:4px 4px 4px 4px rgb(254, 115,  
79) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 67.930, 41.733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 115, 79) }
```

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

```
.background{ background-color: rgb(254,  
115, 79) }
```

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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