

Converting Colors

CIELCh(74, 87.563, 37.907)

Have a look what the booklet for
CIELCh(74, 87.563, 37.907) contains.

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Color

CIELCh(65, 65.549, 39.558)

Conversions

Conversions Part 1

Format	Color
Hex	FD7456
RGB	253, 116, 86
RGB Percent	99%, 45%, 34%
CMY	0.0061, 0.5464, 0.6635
CMYK	0.00, 0.54, 0.66, 0.01
HSL	11°, 98%, 67%
HSV	11°, 66%, 99%
XYZ	48.5455, 34.0472, 12.7746
YIQ	153.5430, 91.2820, 19.7140

Conversions

Conversions Part 2

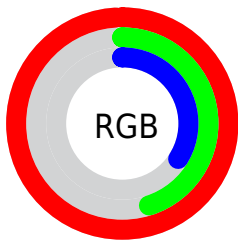
Format	Color
R _Y B	253, 123, 86
Decimal	16610390
CIE Lab	65.00, 50.54, 41.75
CIE LCh	65, 65.549, 39.558
Yxy	34.0472, 0.5090, 0.3570
Android (android.graphics.Color)	4294800470 (0xFFFD7456)
YUV	153.5430, -33.2987, 87.2238
Hunter-Lab	58.3500, 46.3945, 27.8646

Details

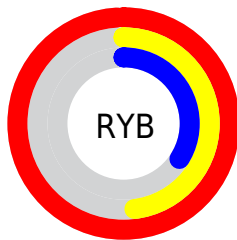
The CIELCh color **65, 65.549, 39.558** is a light color, and the websafe version is hex **FF6666**. The color can be described as light muted orange. A complement of this color would be **83, 37.952, 222.182**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 40.491, 47.972**, and **45, 65.132, 39.690** is the 20% darker color. If you saturate the color by 10%, you get **61, 77.509, 40.797**, and if you desaturate by 10%, it is **69, 53.748, 38.533**.

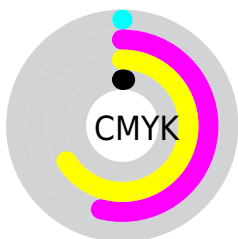
Distribution



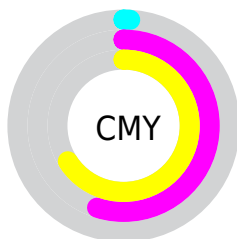
- Red (99%)
- Green (45%)
- Blue (34%)



- Red (99%)
- Yellow (48%)
- Blue (34%)



- Cyan (0%)
- Magenta (54%)
- Yellow (66%)
- Black (1%)



- Cyan (1%)
- Magenta (55%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 65.549, 39.558 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, 65.549, 39.558 by changing the saturation by 10% instead.

65, 65.549, 39.558

65, 65.549, 39.558

100, 65.549,
39.558

55, 65.549, 39.558

85, 65.549, 39.558

45, 65.549, 39.558

95, 65.549, 39.558

35, 65.549, 39.558

25, 65.549, 39.558

15, 65.549, 39.558

5, 65.549, 39.558

0, 65.549, 39.558

65, 65.549, 39.558

65, 65.549, 39.558

61, 77.509, 40.797

69, 53.748, 38.533

■ 58, 88.795, 41.971

■ 74, 42.490, 37.776

■ 56, 97.610, 42.404

■ 79, 31.937, 37.273

■ 55, 100.240,
42.450

■ 85, 22.145, 36.981

■ 90, 13.109, 36.850

■ 96, 4.785, 36.784

100, 0.544,
200.590

Harmonies

Complementary

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



65, 65.549, 39.558



83, 37.952, 222.182

Rectangle

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



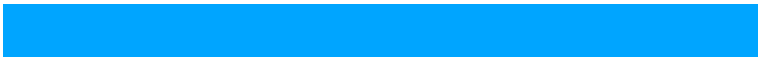
65, 65.549, 39.558



65, 65.549, 89.558



65, 65.549, 219.558



65, 65.549, 269.558

Sweetspot

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



65, 65.546, 39.561



89, 16.587, 36.885



64, 86.455, 333.708



46, 11.452, 36.923



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, 65.546, 39.561



61, 81.264, 41.162



83, 62.443, 81.992



50, 4.512, 36.814



42, 80.694, 42.815



11, 30.300, 35.969

Inverse Universe

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



83, 37.952, 222.182



81, 41.345, 224.988



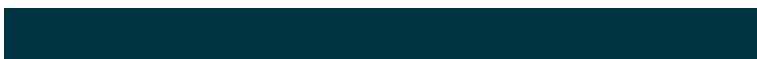
60, 63.377, 285.233



52, 4.246, 217.248



60, 35.124, 230.897



19, 16.136, 226.212

Previews

White Background



This preview shows how the CIELCh color 65, 65.549, 39.558 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, 65.549, 39.558 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, 65.549, 39.558

Background



This preview shows how black text looks on a background with the CIELCh color 65, 65.549, 39.558.

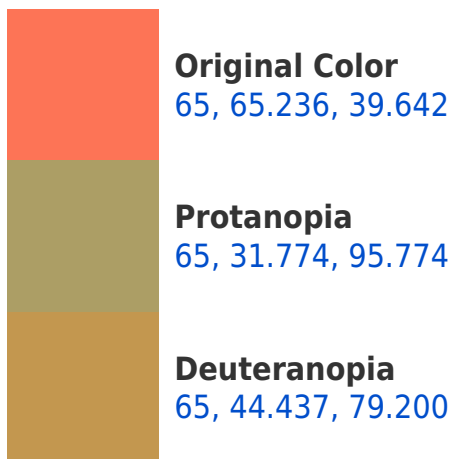


This preview shows how white text looks on a background with the CIELCh color 65, 65.549, 39.558.

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



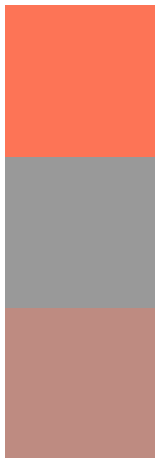
Original Color
65, 65.236, 39.642

Protanomaly
64, 38.257, 63.676

Deuteranomaly
64, 48.890, 60.065

Tritanomaly
65, 61.193, 29.399

Monochromacy



Original Color
65, 65.236, 39.642

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 22.231, 35.751

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 65.549, 39.558 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, 116, 86)` looks like.

```
.text, #text, p{  
    color:rgb(253, 116, 86)  
}
```

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, 116, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 116, 86) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 65.549, 39.558 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, 116, 86) }
```

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

```
.border{ border-color:rgb(253, 116, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 116, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 116, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 116, 86);  
box-shadow:4px 4px 4px 4px rgb(253, 116,  
86) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 65.549, 39.558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 116, 86) }
```

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

```
.background{ background-color: rgb(253,  
116, 86) }
```

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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