

# Converting Colors

CIELCh(65, 66.307, 39.534)

Have a look what the booklet for  
CIELCh(65, 66.307, 39.534) contains.

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# Color

**CIELCh(65, 66.161, 39.559)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FE7355
RGB	254, 115, 85
RGB Percent	100%, 45%, 33%
CMY	0.0033, 0.5485, 0.6662
CMYK	0.00, 0.55, 0.67, 0.00
HSL	11°, 99%, 67%
HSV	11°, 67%, 100%
XYZ	48.7174, 34.0472, 12.6223
YIQ	153.1410, 92.4740, 20.1380

# Conversions

## Conversions Part 2

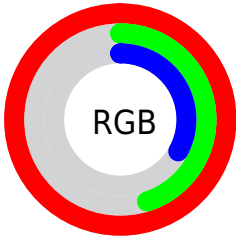
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	254, 121, 85
Decimal	16675669
CIE <sub>Lab</sub>	65.00, 51.01, 42.14
CIE <sub>LCh</sub>	65, 66.161, 39.559
Yxy	34.0472, 0.5107, 0.3569
Android (android.graphics.Color)	4294865749 (0xFFFE7355)
YUV	153.1410, -33.5935, 88.4533
Hunter-Lab	58.3500, 46.9203, 28.0193

# Details

The CIELCh color **65, 66.161, 39.559** 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, 38.155, 222.149**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 40.934, 47.728**, and **45, 66.066, 39.695** is the 20% darker color. If you saturate the color by 10%, you get **61, 78.145, 40.810**, and if you desaturate by 10%, it is **69, 54.316, 38.518**.

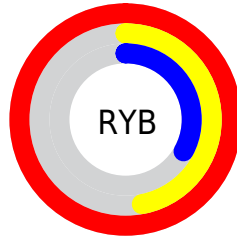
# Distribution



Red (100%)

Green (45%)

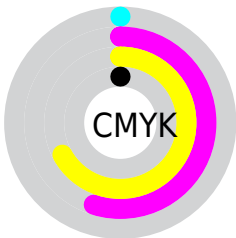
Blue (33%)



Red (100%)

Yellow (47%)

Blue (33%)

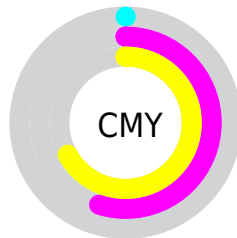


Cyan (0%)

Magenta (55%)

Yellow (67%)

Black (0%)



Cyan (0%)

Magenta (55%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 66.161, 39.559 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, 66.161, 39.559 by changing the saturation by 10% instead.



65, 66.161, 39.559

65, 66.161, 39.559

100, 66.161,  
39.559

55, 66.161, 39.559

85, 66.161, 39.559

45, 66.161, 39.559

95, 66.161, 39.559

35, 66.161, 39.559

25, 66.161, 39.559

15, 66.161, 39.559

5, 66.161, 39.559

0, 66.161, 39.559

65, 66.161, 39.559

65, 66.161, 39.559

61, 78.145, 40.810

69, 54.316, 38.518

■ 58, 89.403, 41.980

■ 74, 43.004, 37.745

■ 56, 98.100, 42.377

■ 79, 32.395, 37.229

■ 55, 100.481,  
42.431

■ 85, 22.549, 36.927

■ 90, 13.461, 36.787

■ 96, 5.090, 36.721

100, 0.295,  
201.631

# Harmonies

# Complementary

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



65, 66.161, 39.559



83, 38.155, 222.149

# Rectangle

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



65, 66.161, 39.559



65, 66.161, 89.559



65, 66.161, 219.559



65, 66.161, 269.559

# Sweetspot

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



65, 66.158, 39.562



89, 16.594, 36.821



64, 86.975, 333.734



46, 11.457, 36.859



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, 66.158, 39.562



60, 82.450, 41.254



83, 62.909, 81.932



50, 4.514, 36.747



42, 80.713, 42.798



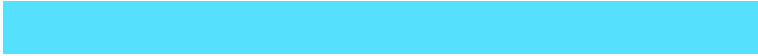
11, 30.309, 35.936





# Inverse Universe

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



83, 38.155, 222.149



81, 41.533, 225.129



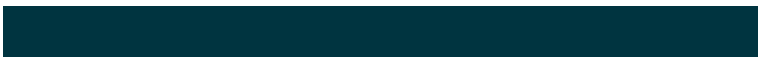
60, 63.898, 285.356



52, 4.248, 217.175



60, 35.120, 230.760



19, 16.137, 226.093



# Previews

## White Background



This preview shows how the CIELCh color 65, 66.161, 39.559 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, 66.161, 39.559 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, 66.161, 39.559

## Background



This preview shows how black text looks on a background with the CIELCh color 65, 66.161, 39.559.



This preview shows how white text looks on a background with the CIELCh color 65, 66.161, 39.559.

# 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

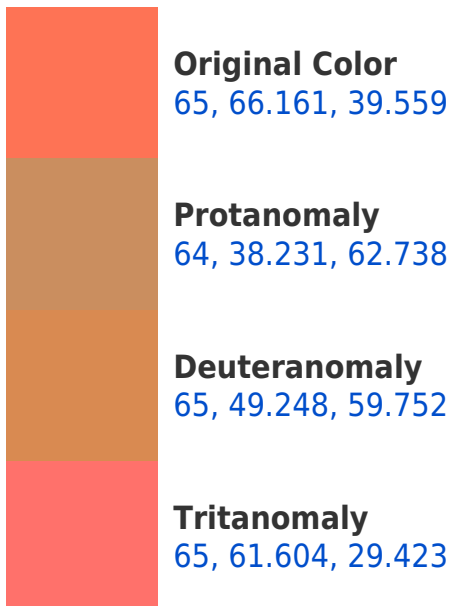




**Tritanopia**  
65, 60.174, 22.810



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 65, 66.161, 39.559 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, 85)` looks like.

```
.text, #text, p{  
    color:rgb(254, 115, 85)  
}
```

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, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 115, 85) }
```

## Border

The CSS property to change the border of an element to CIELCh 65, 66.161, 39.559 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, 85) }
```

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

```
.border{ border-color:rgb(254, 115, 85) }
```

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, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 115, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 115, 85);  
box-shadow:4px 4px 4px 4px rgb(254, 115,  
85) }
```

# Background

The CSS property to change the background color of an element to CIELCh 65, 66.161, 39.559 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, 85) }
```

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

```
.background{ background-color: rgb(254,  
115, 85) }
```

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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