

Converting Colors

CIELCh(83, 103.342, 39.131)

Have a look what the booklet for
CIELCh(83, 103.342, 39.131)
contains.

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Color

CIELCh(67, 63.135, 43.502)

Conversions

Conversions Part 1

Format	Color
Hex	FE7E57
RGB	254, 126, 87
RGB Percent	100%, 49%, 34%
CMY	0.0048, 0.5060, 0.6586
CMYK	0.00, 0.50, 0.66, 0.00
HSL	14°, 99%, 67%
HSV	14°, 66%, 100%
XYZ	49.9726, 36.6320, 13.4650
YIQ	159.8260, 88.8070, 15.0070

Conversions

Conversions Part 2

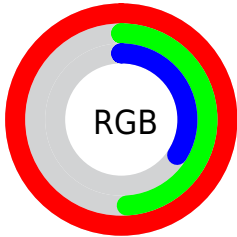
Format	Color
RYB	254, 138, 87
Decimal	16678487
CIELab	67.00, 45.79, 43.46
CIElCh	67, 63.135, 43.502
Yxy	36.6320, 0.4994, 0.3661
Android (android.graphics.Color)	4294868567 (0xFFFE7E57)
YUV	159.8260, -35.9032, 82.5906
Hunter-Lab	60.5244, 41.4629, 29.1767

Details

The CIELCh color **67, 63.135, 43.502** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **81, 37.645, 231.295**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 39.298, 56.008**, and **47, 63.153, 43.667** is the 20% darker color. If you saturate the color by 10%, you get **63, 74.872, 44.113**, and if you desaturate by 10%, it is **71, 51.636, 43.020**.

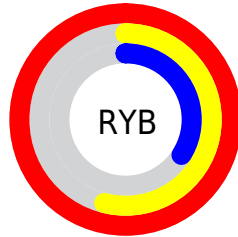
Distribution



Red (100%)

Green (49%)

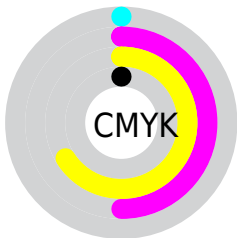
Blue (34%)



Red (100%)

Yellow (54%)

Blue (34%)

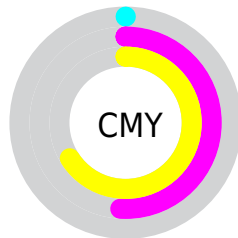


Cyan (0%)

Magenta (50%)

Yellow (66%)

Black (0%)



Cyan (0%)

Magenta (51%)

Yellow (66%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 63.135, 43.502 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 67, 63.135, 43.502 by changing the saturation by 10% instead.

 67, 63.135, 43.502

 67, 63.135, 43.502

 100, 63.135,
43.502

 57, 63.135, 43.502

 87, 63.135, 43.502

 47, 63.135, 43.502

 97, 63.135, 43.502

 37, 63.135, 43.502

 27, 63.135, 43.502

 17, 63.135, 43.502

 7, 63.135, 43.502

 0, 63.135, 43.502

 67, 63.135, 43.502

 67, 63.135, 43.502

 63, 74.872, 44.113

 71, 51.636, 43.020

60, 86.064, 44.596

76, 40.722, 42.726

57, 95.054, 44.362

81, 30.525, 42.623

56, 98.090, 44.098

86, 21.075, 42.682

91, 12.351, 42.861

96, 4.303, 43.068

100, 0.423,
200.945

Harmonies

Complementary

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



67, 63.135, 43.502



81, 37.645, 231.295

Rectangle

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



67, 63.135, 43.502



67, 63.135, 93.502



67, 63.135, 223.502



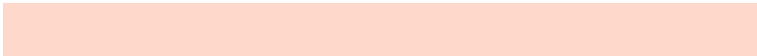
67, 63.135, 273.502

Sweetspot

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



67, 63.133, 43.505



89, 16.081, 42.772



64, 82.409, 336.610



46, 11.100, 42.723



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



67, 63.133, 43.505



62, 78.997, 44.308



86, 64.500, 87.465



50, 4.379, 43.003



43, 78.819, 44.557



12, 29.489, 39.189

Inverse Universe

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



81, 37.645, 231.295



78, 41.591, 235.203



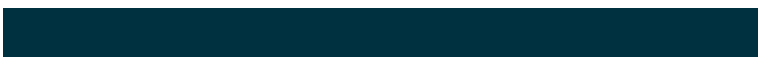
58, 69.456, 289.426



52, 4.133, 223.941



57, 36.255, 242.892



18, 16.331, 236.844

Previews

White Background



This preview shows how the CIELCh color 67, 63.135, 43.502 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 67, 63.135, 43.502 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 67, 63.135, 43.502

Background



This preview shows how black text looks on a background with the CIELCh color 67, 63.135, 43.502.



This preview shows how white text looks on a background with the CIELCh color 67, 63.135, 43.502.

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
67, 55.408, 20.971

Trichromacy



Original Color
67, 63.233, 43.516

Protanomaly
66, 39.925, 68.222

Deuteranomaly
67, 49.355, 62.981

Tritanomaly
67, 57.285, 30.284

Monochromacy



Original Color
67, 63.233, 43.516

Achromatopsia
66, 0.008, 296.813

Achromatomaly
65, 21.068, 43.930

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 63.135, 43.502 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, 126, 87)` looks like.

```
.text, #text, p{  
    color:rgb(254, 126, 87)  
}
```

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, 126, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 126, 87) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 63.135, 43.502 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, 126, 87) }
```

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

```
.border{ border-color:rgb(254, 126, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 126, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 126, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 126, 87);  
box-shadow:4px 4px 4px 4px rgb(254, 126,  
87) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 63.135, 43.502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 126, 87) }
```

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

```
.background{ background-color: rgb(254,  
126, 87) }
```

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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