

Converting Colors

CIELCh(65, 63.275, 41.192)

Have a look what the booklet for
CIELCh(65, 63.275, 41.192) contains.

CIELCh(65, 63.338, 41.113)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(65, 63.338, 41.113)

Conversions

Conversions Part 1

Format	Color
Hex	FA7756
RGB	250, 119, 86
RGB Percent	98%, 47%, 34%
CMY	0.0210, 0.5345, 0.6638
CMYK	0.00, 0.52, 0.66, 0.02
HSL	12°, 94%, 66%
HSV	12°, 66%, 98%
XYZ	47.5262, 34.0472, 12.8129
YIQ	154.4070, 88.6690, 17.5090

Conversions

Conversions Part 2

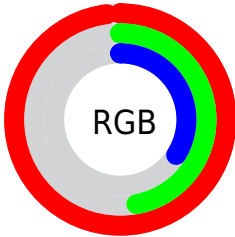
Format	Color
R _Y B	250, 127, 86
Decimal	16414550
CIE Lab	65.00, 47.72, 41.65
CIE LCh	65, 63.338, 41.113
Yxy	34.0472, 0.5035, 0.3607
Android (android.graphics.Color)	4294604630 (0xFFFA7756)
YUV	154.4070, -33.7247, 83.8351
Hunter-Lab	58.3500, 43.2762, 27.8256

Details

The CIELCh color **65, 63.338, 41.113** 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 **81, 37.161, 225.873**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 40.146, 50.495**, and **45, 62.996, 41.227** is the 20% darker color. If you saturate the color by 10%, you get **61, 75.075, 42.082**, and if you desaturate by 10%, it is **69, 51.817, 40.325**.

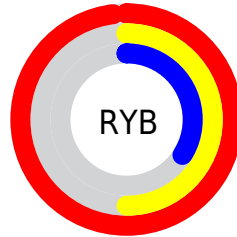
Distribution



Red (98%)

Green (47%)

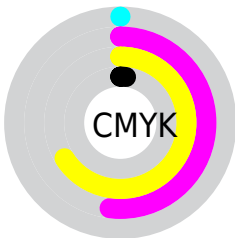
Blue (34%)



Red (98%)

Yellow (50%)

Blue (34%)

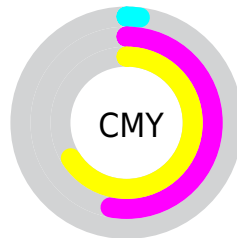


Cyan (0%)

Magenta (52%)

Yellow (66%)

Black (2%)



Cyan (2%)

Magenta (53%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 63.338, 41.113 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, 63.338, 41.113 by changing the saturation by 10% instead.

65, 63.338, 41.113

65, 63.338, 41.113

100, 63.338,
41.113

55, 63.338, 41.113

85, 63.338, 41.113

45, 63.338, 41.113

95, 63.338, 41.113

35, 63.338, 41.113

25, 63.338, 41.113

15, 63.338, 41.113

5, 63.338, 41.113

0, 63.338, 41.113

65, 63.338, 41.113

65, 63.338, 41.113

61, 75.075, 42.082

69, 51.817, 40.325

■ 58, 86.251, 42.975

■ 74, 40.864, 39.772

■ 55, 95.191, 43.170

■ 79, 30.619, 39.443

■ 55, 98.202, 43.094

■ 84, 21.122, 39.303

■ 90, 12.360, 39.305

■ 95, 4.286, 39.348

■ 100, 1.859,
199.644

Harmonies

Complementary

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



65, 63.338, 41.113



81, 37.161, 225.873

Rectangle

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



65, 63.338, 41.113



65, 63.338, 91.113



65, 63.338, 221.113



65, 63.338, 271.113

Sweetspot

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



65, 63.336, 41.116



89, 16.355, 39.290



63, 83.120, 335.095



46, 11.291, 39.292



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, 63.336, 41.116



61, 80.312, 42.418



83, 62.369, 84.836



49, 4.377, 39.344



41, 79.133, 43.503



11, 28.715, 36.605

Inverse Universe

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



81, 37.161, 225.873



80, 41.299, 229.223



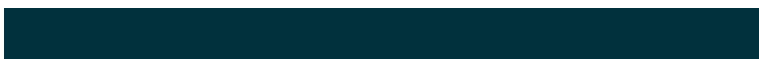
58, 65.261, 287.321



51, 4.124, 219.987



58, 35.062, 235.891



18, 15.726, 230.341

Previews

White Background



This preview shows how the CIELCh color 65, 63.338, 41.113 looks on a white background.

Color Contrast Check

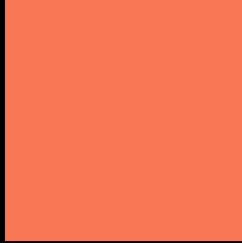
Large Text (above 18pt) WCAG AA × Fail

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, 63.338, 41.113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

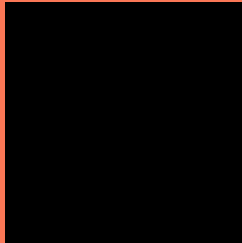
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 63.338, 41.113

Background



This preview shows how black text looks on a background with the CIELCh color 65, 63.338, 41.113.



This preview shows how white text looks on a background with the CIELCh color 65, 63.338, 41.113.

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, 57.574, 22.184

Trichromacy



Original Color
65, 63.338, 41.113

Protanomaly
64, 37.644, 65.543

Deuteranomaly
65, 48.508, 61.097

Tritanomaly
65, 58.678, 29.620

Monochromacy



Original Color
65, 63.338, 41.113

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 21.355, 39.242

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 63.338, 41.113 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(250, 119, 86)` looks like.

```
.text, #text, p{  
    color:rgb(250, 119, 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(250, 119, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 119, 86) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 63.338, 41.113 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(250, 119, 86) }
```

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

```
.border{ border-color:rgb(250, 119, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 119, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 119, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 119, 86);  
box-shadow:4px 4px 4px 4px rgb(250, 119,  
86) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 63.338, 41.113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 119, 86) }
```

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

```
.background{ background-color: rgb(250,  
119, 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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