

Converting Colors

CIELCh(69, 73.469, 37.972)

Have a look what the booklet for
CIELCh(69, 73.469, 37.972) contains.

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Color

CIELCh(66, 64.469, 38.810)

Conversions

Conversions Part 1

Format	Color
Hex	FF775B
RGB	255, 119, 91
RGB Percent	100%, 47%, 36%
CMY	0.0000, 0.5342, 0.6443
CMYK	0.00, 0.53, 0.64, 0.00
HSL	10°, 100%, 68%
HSV	10°, 64%, 100%
XYZ	50.0212, 35.3238, 14.0120
YIQ	156.4720, 90.0440, 20.1240

Conversions

Conversions Part 2

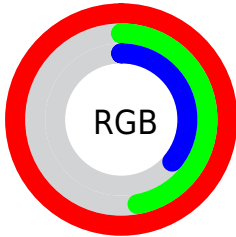
Format	Color
R _Y B	255, 125, 91
Decimal	16742235
CIE Lab	66.00, 50.24, 40.41
CIE LCh	66, 64.469, 38.810
Yxy	35.3238, 0.5034, 0.3555
Android (android.graphics.Color)	4294932315 (0xFFFF775B)
YUV	156.4720, -32.2777, 86.4091
Hunter-Lab	59.4338, 46.2215, 27.6256

Details

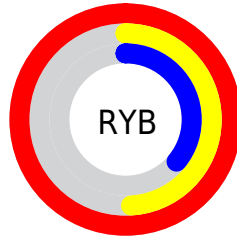
The CIELCh color **66, 64.469, 38.810** is a light color, and the websafe version is hex **FF6666**. The color can be described as light muted orange. A complement of this color would be **84, 37.683, 220.699**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 38.548, 47.521**, and **46, 63.793, 38.772** is the 20% darker color. If you saturate the color by 10%, you get **62, 76.151, 40.156**, and if you desaturate by 10%, it is **70, 52.271, 37.808**.

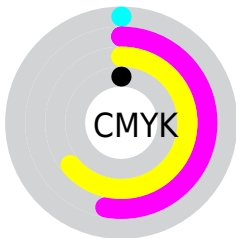
Distribution



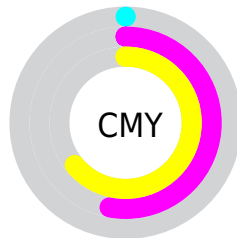
- Red (100%)
- Green (47%)
- Blue (36%)



- Red (100%)
- Yellow (49%)
- Blue (36%)



- Cyan (0%)
- Magenta (53%)
- Yellow (64%)
- Black (0%)



- Cyan (0%)
- Magenta (53%)
- Yellow (64%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 64.469, 38.810 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 66, 64.469, 38.810 by changing the saturation by 10% instead.

 66, 64.469, 38.810

 66, 64.469, 38.810

 100, 64.469,
38.810

 56, 64.469, 38.810

 86, 64.469, 38.810

 46, 64.469, 38.810

 96, 64.469, 38.810

 36, 64.469, 38.810

 26, 64.469, 38.810

 16, 64.469, 38.810

 6, 64.469, 38.810

 0, 64.469, 38.810

 66, 64.469, 38.810

 66, 64.469, 38.810

 62, 76.151, 40.156

 70, 52.271, 37.808

■ 59, 87.711, 41.470

■ 75, 41.025, 37.037

■ 56, 97.148, 42.193

■ 81, 30.501, 36.523

■ 55, 100.982,
42.262

■ 86, 20.745, 36.218

■ 92, 11.746, 36.069

■ 97, 3.458, 35.939

100, 0.012,
296.813

Harmonies

Complementary

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



66, 64.469, 38.810



84, 37.683, 220.699

Rectangle

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



66, 64.469, 38.810



66, 64.469, 88.810



66, 64.469, 218.810



66, 64.469, 268.810

Sweetspot

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



66, 64.091, 38.861



89, 15.767, 36.122



65, 85.294, 333.589



46, 10.984, 36.168



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



66, 64.091, 38.861



61, 79.214, 40.508



84, 61.208, 82.258



50, 4.533, 36.027



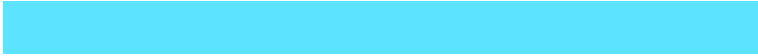
41, 80.916, 42.621



11, 30.406, 35.587

Inverse Universe

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



84, 37.683, 220.699



82, 41.012, 223.186



62, 61.926, 284.682



52, 4.265, 216.394



60, 35.084, 229.299



20, 16.149, 224.820

Previews

White Background



This preview shows how the CIELCh color 66, 64.469, 38.810 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 66, 64.469, 38.810 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 66, 64.469, 38.810

Background



This preview shows how black text looks on a background with the CIELCh color 66, 64.469, 38.810.

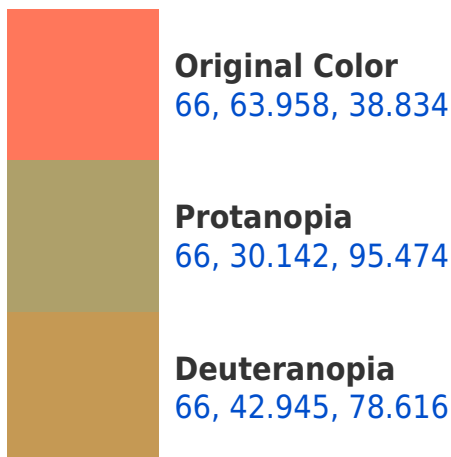


This preview shows how white text looks on a background with the CIELCh color 66, 64.469, 38.810.

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
66, 57.975, 22.683

Trichromacy



Original Color
66, 63.958, 38.834

Protanomaly
65, 36.538, 62.735

Deuteranomaly
65, 47.508, 59.722

Tritanomaly
66, 59.639, 29.146

Monochromacy



Original Color
66, 63.958, 38.834

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 21.708, 35.980

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 64.469, 38.810 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(255, 119, 91)` looks like.

```
.text, #text, p{  
    color:rgb(255, 119, 91)  
}
```

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(255, 119, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 119, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 64.469, 38.810 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(255, 119, 91) }
```

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

```
.border{ border-color:rgb(255, 119, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 119, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 119, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 119, 91);  
box-shadow:4px 4px 4px 4px rgb(255, 119,  
91) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 64.469, 38.810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 119, 91) }
```

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

```
.background{ background-color: rgb(255,  
119, 91) }
```

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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