

Converting Colors

CIELCh(64, 66.424, 34.757)

Have a look what the booklet for
CIELCh(64, 66.424, 34.757) contains.

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Color

CIELCh(64, 66.368, 34.857)

Conversions

Conversions Part 1

Format	Color
Hex	FF6D5B
RGB	255, 109, 91
RGB Percent	100%, 43%, 36%
CMY	0.0015, 0.5738, 0.6443
CMYK	0.00, 0.57, 0.64, 0.00
HSL	7°, 100%, 68%
HSV	7°, 64%, 100%
XYZ	48.4046, 32.8017, 13.6103
YIQ	150.6020, 92.7940, 25.3540

Conversions

Conversions Part 2

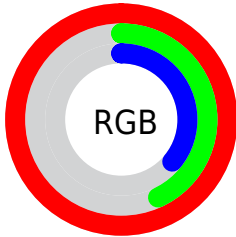
Format	Color
R _Y B	255, 111, 91
Decimal	16739675
CIE Lab	64.00, 54.46, 37.93
CIE LCh	64, 66.368, 34.857
Yxy	32.8017, 0.5105, 0.3459
Android (android.graphics.Color)	4294929755 (0xFFFF6D5B)
YUV	150.6020, -29.3838, 91.5570
Hunter-Lab	57.2727, 50.6337, 26.0013

Details

The CIELCh color **64, 66.368, 34.857** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **87, 38.974, 211.217**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **76, 40.078, 39.930**, and **44, 66.469, 35.000** is the 20% darker color. If you saturate the color by 10%, you get **60, 78.517, 36.861**, and if you desaturate by 10%, it is **69, 54.308, 33.217**.

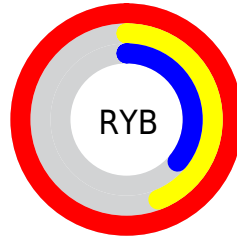
Distribution



Red (100%)

Green (43%)

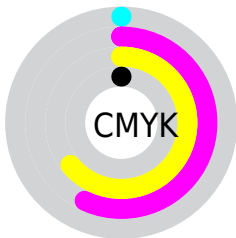
Blue (36%)



Red (100%)

Yellow (44%)

Blue (36%)

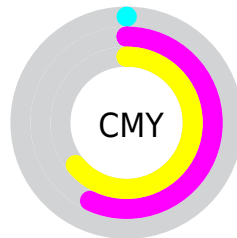


Cyan (0%)

Magenta (57%)

Yellow (64%)

Black (0%)



Cyan (0%)

Magenta (57%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 66.368, 34.857 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 64, 66.368, 34.857 by changing the saturation by 10% instead.

 64, 66.368, 34.857

 64, 66.368, 34.857

 100, 66.368,
34.857

 54, 66.368, 34.857

 84, 66.368, 34.857

 44, 66.368, 34.857

 94, 66.368, 34.857

 34, 66.368, 34.857

 24, 66.368, 34.857

 14, 66.368, 34.857

 4, 66.368, 34.857

 0, 66.368, 34.857

 64, 66.368, 34.857

 64, 66.368, 34.857

 60, 78.517, 36.861

 69, 54.308, 33.217

■ 57, 90.005, 38.988

■ 74, 42.721, 31.956

■ 55, 99.156, 40.550

■ 79, 31.800, 31.028

■ 54, 102.710,
41.054

■ 85, 21.632, 30.366

■ 91, 12.233, 29.900

■ 97, 3.571, 29.485

100, 0.135,
204.294

Harmonies

Complementary

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



64, 66.368, 34.857



87, 38.974, 211.217

Rectangle

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



64, 66.368, 34.857



64, 66.368, 84.857



64, 66.368, 214.857



64, 66.368, 264.857

Sweetspot

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



64, 66.365, 34.860



88, 16.505, 30.096



66, 89.045, 330.990



45, 11.497, 30.233



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



64, 66.365, 34.860



59, 81.745, 37.426



81, 59.279, 76.446



50, 4.746, 29.715



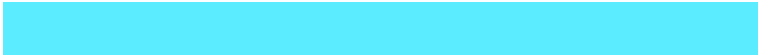
41, 82.507, 41.303



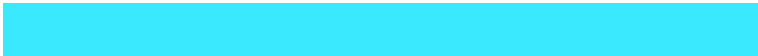
11, 31.330, 32.550

Inverse Universe

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



87, 38.974, 211.217



85, 42.291, 212.612



64, 55.865, 279.466



52, 4.460, 209.547



64, 35.700, 216.202



21, 16.581, 213.528

Previews

White Background



This preview shows how the CIELCh color 64, 66.368, 34.857 looks on a white background.

Color Contrast Check

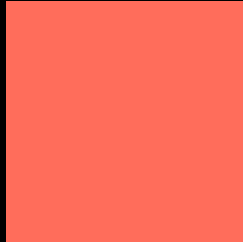
Large Text (above 18pt) WCAG AA × Fail

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 64, 66.368, 34.857 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 64, 66.368, 34.857

Background



This preview shows how black text looks on a background with the CIELCh color 64, 66.368, 34.857.

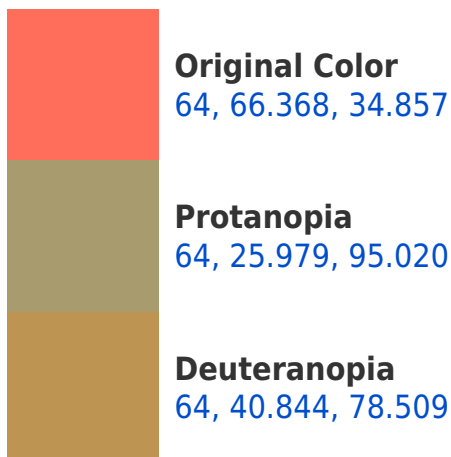


This preview shows how white text looks on a background with the CIELCh color 64, 66.368, 34.857.

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
64, 62.653, 23.958

Trichromacy



Original Color
64, 66.368, 34.857

Protanomaly
63, 34.378, 56.222

Deuteranomaly
63, 46.023, 56.102

Tritanomaly
64, 63.742, 28.073

Monochromacy



Original Color
64, 66.368, 34.857

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 22.665, 31.418

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 66.368, 34.857 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, 109, 91)` looks like.

```
.text, #text, p{  
    color:rgb(255, 109, 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, 109, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 109, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 66.368, 34.857 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, 109, 91) }
```

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

```
.border{ border-color:rgb(255, 109, 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, 109, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 109, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 109, 91);  
box-shadow:4px 4px 4px 4px rgb(255, 109,  
91) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 66.368, 34.857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 109, 91) }
```

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

```
.background{ background-color: rgb(255,  
109, 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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