

Converting Colors

CIELCh(64, 66.301, 35.593)

Have a look what the booklet for
CIELCh(64, 66.301, 35.593) contains.

CIELCh(64, 66.473, 35.676)	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(64, 66.473, 35.676)

Conversions

Conversions Part 1

Format	Color
Hex	FE6D59
RGB	254, 109, 89
RGB Percent	100%, 43%, 35%
CMY	0.0032, 0.5719, 0.6504
CMYK	0.00, 0.57, 0.65, 0.00
HSL	7°, 99%, 67%
HSV	7°, 65%, 100%
XYZ	48.2366, 32.8017, 13.2718
YIQ	150.0750, 92.8400, 24.5200

Conversions

Conversions Part 2

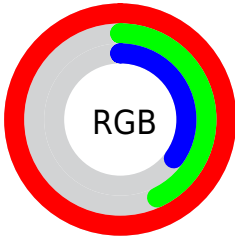
Format	Color
RYB	254, 112, 89
Decimal	16674137
CIELab	64.00, 54.00, 38.77
CIELCh	64, 66.473, 35.676
Yxy	32.8017, 0.5115, 0.3478
Android (android.graphics.Color)	4294864217 (0xFFFE6D59)
YUV	150.0750, -30.1100, 91.1422
Hunter-Lab	57.2727, 50.1102, 26.3516

Details

The CIELCh color **64, 66.473, 35.676** 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 **86, 38.771, 213.018**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **76, 40.796, 40.429**, and **44, 66.630, 35.778** is the 20% darker color. If you saturate the color by 10%, you get **60, 78.590, 37.558**, and if you desaturate by 10%, it is **69, 54.452, 34.129**.

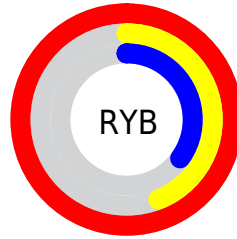
Distribution



Red (100%)

Green (43%)

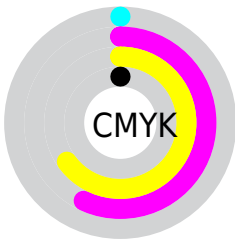
Blue (35%)



Red (100%)

Yellow (44%)

Blue (35%)

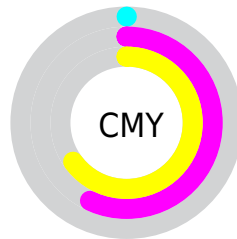


Cyan (0%)

Magenta (57%)

Yellow (65%)

Black (0%)



Cyan (0%)

Magenta (57%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 66.473, 35.676 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, 66.473, 35.676 by changing the saturation by 10% instead.

64, 66.473, 35.676

64, 66.473, 35.676

100, 66.473,
35.676

54, 66.473, 35.676

84, 66.473, 35.676

44, 66.473, 35.676

94, 66.473, 35.676

34, 66.473, 35.676

24, 66.473, 35.676

14, 66.473, 35.676

4, 66.473, 35.676

0, 66.473, 35.676

64, 66.473, 35.676

64, 66.473, 35.676

60, 78.590, 37.558

69, 54.452, 34.129

■ 57, 90.024, 39.519

■ 74, 42.914, 32.943

■ 55, 99.044, 40.860

■ 79, 32.049, 32.076

■ 54, 102.279,
41.246

■ 85, 21.939, 31.469

■ 91, 12.596, 31.053

■ 97, 3.988, 30.702

100, 0.282,
201.735

Harmonies

Complementary

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



64, 66.473, 35.676



86, 38.771, 213.018

Rectangle

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



64, 66.473, 35.676



64, 66.473, 85.676



64, 66.473, 215.676



64, 66.473, 265.676

Sweetspot

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



64, 66.470, 35.679



88, 16.350, 31.204



65, 88.472, 331.643



45, 11.389, 31.324



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, 66.470, 35.679



59, 82.444, 38.175



81, 60.099, 77.850



50, 4.701, 30.875



41, 82.243, 41.514



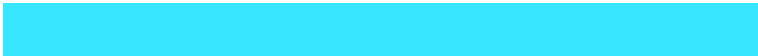
11, 31.143, 33.127

Inverse Universe

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



86, 38.771, 213.018



85, 42.137, 214.712



63, 57.740, 281.037



52, 4.418, 210.806



63, 35.455, 218.629



21, 16.455, 215.612

Previews

White Background



This preview shows how the CIELCh color 64, 66.473, 35.676 looks on a white background.

Color Contrast Check

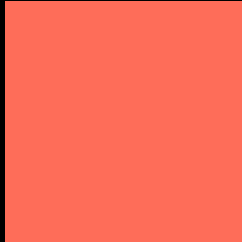
Large Text (above 18pt) WCAG AA × Fail

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, 66.473, 35.676 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, 66.473, 35.676

Background



This preview shows how black text looks on a background with the CIELCh color 64, 66.473, 35.676.



This preview shows how white text looks on a background with the CIELCh color 64, 66.473, 35.676.

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



Original Color

64, 66.473, 35.676

Protanopia

64, 27.040, 95.351

Deuteranopia

64, 41.549, 78.218



Tritanopia
64, 62.653, 23.958

Trichromacy



Original Color
64, 66.473, 35.676

Protanomaly
63, 34.765, 56.838

Deuteranomaly
63, 46.785, 56.233

Tritanomaly
64, 63.938, 28.529

Monochromacy



Original Color
64, 66.473, 35.676

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, 66.473, 35.676 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, 109, 89)` looks like.

```
.text, #text, p{  
    color:rgb(254, 109, 89)  
}
```

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, 109, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 109, 89) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 66.473, 35.676 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, 109, 89) }
```

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

```
.border{ border-color:rgb(254, 109, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 109, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 109, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 109, 89);  
box-shadow:4px 4px 4px 4px rgb(254, 109,  
89) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 66.473, 35.676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 109, 89) }
```

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

```
.background{ background-color: rgb(254,  
109, 89) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor