

Converting Colors

CIELCh(65, 60.042, 38.133)

Have a look what the booklet for
CIELCh(65, 60.042, 38.133) contains.

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Color

CIELCh(65, 60.220, 37.970)

Conversions

Conversions Part 1

Format	Color
Hex	F8775E
RGB	248, 119, 94
RGB Percent	97%, 47%, 37%
CMY	0.0266, 0.5326, 0.6307
CMYK	0.00, 0.52, 0.62, 0.03
HSL	10°, 92%, 67%
HSV	10°, 62%, 97%
XYZ	47.4377, 34.0472, 14.7019
YIQ	154.7210, 84.9090, 19.5730

Conversions

Conversions Part 2

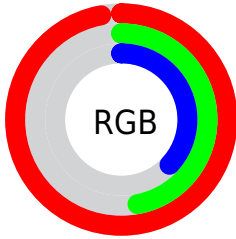
Format	Color
RYB	248, 124, 94
Decimal	16283486
CIELab	65.00, 47.47, 37.05
CIELCh	65, 60.220, 37.970
Yxy	34.0472, 0.4932, 0.3540
Android (android.graphics.Color)	4294473566 (0xFFFF8775E)
YUV	154.7210, -29.9355, 81.8057
Hunter-Lab	58.3500, 43.0056, 25.9062

Details

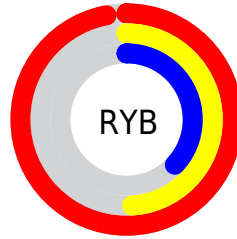
The CIELCh color **65, 60.220, 37.970** is a light color, and the websafe version is hex **FF6666**. The color can be described as light muted orange. A complement of this color would be **83, 36.237, 218.968**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 37.646, 45.606**, and **45, 60.127, 38.060** is the 20% darker color. If you saturate the color by 10%, you get **61, 72.034, 39.310**, and if you desaturate by 10%, it is **70, 48.727, 36.912**.

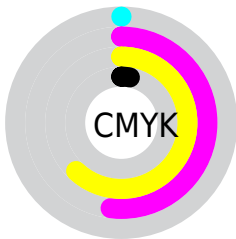
Distribution



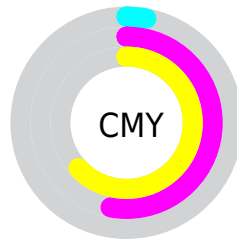
- Red (97%)
- Green (47%)
- Blue (37%)



- Red (97%)
- Yellow (49%)
- Blue (37%)



- Cyan (0%)
- Magenta (52%)
- Yellow (62%)
- Black (3%)



- Cyan (3%)
- Magenta (53%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 60.220, 37.970 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, 60.220, 37.970 by changing the saturation by 10% instead.

65, 60.220, 37.970

65, 60.220, 37.970

100, 60.220,
37.970

55, 60.220, 37.970

85, 60.220, 37.970

45, 60.220, 37.970

95, 60.220, 37.970

35, 60.220, 37.970

25, 60.220, 37.970

15, 60.220, 37.970

5, 60.220, 37.970

0, 60.220, 37.970

65, 60.220, 37.970

65, 60.220, 37.970

61, 72.034, 39.310

70, 48.727, 36.912

58, 83.581, 40.763

74, 37.836, 36.143

55, 93.532, 41.832

80, 27.665, 35.628

54, 99.191, 42.090

85, 18.247, 35.318

91, 9.564, 35.151

96, 1.566, 34.795

100, 2.350,
199.538

Harmonies

Complementary

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



65, 60.220, 37.970



83, 36.237, 218.968

Rectangle

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



65, 60.220, 37.970



65, 60.220, 87.970



65, 60.220, 217.970



65, 60.220, 267.970

Sweetspot

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



65, 60.218, 37.973



89, 15.858, 35.255



65, 82.138, 332.752



46, 11.047, 35.314



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, 60.218, 37.973



62, 75.982, 39.608



82, 57.251, 81.224



49, 4.484, 35.119



41, 80.336, 42.425



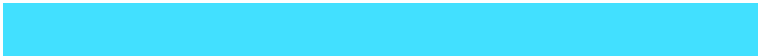
11, 29.278, 34.474

Inverse Universe

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



83, 36.237, 218.968



83, 40.466, 221.047



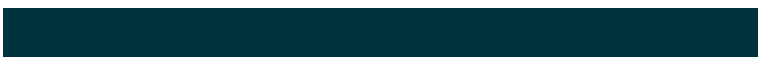
62, 56.787, 282.676



51, 4.218, 215.410



60, 34.719, 227.410



19, 15.753, 222.980

Previews

White Background



This preview shows how the CIELCh color 65, 60.220, 37.970 looks on a white background.

Color Contrast Check

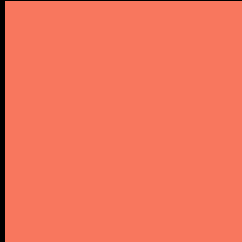
Large Text (above 18pt) WCAG AA × Fail

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, 60.220, 37.970 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, 60.220, 37.970

Background



This preview shows how black text looks on a background with the CIELCh color 65, 60.220, 37.970.



This preview shows how white text looks on a background with the CIELCh color 65, 60.220, 37.970.

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

65, 60.220, 37.970

Protanopia

65, 27.480, 95.577

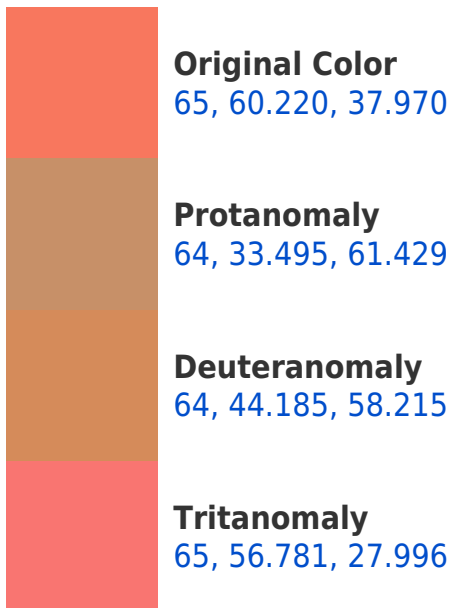
Deuteranopia

65, 39.753, 78.106

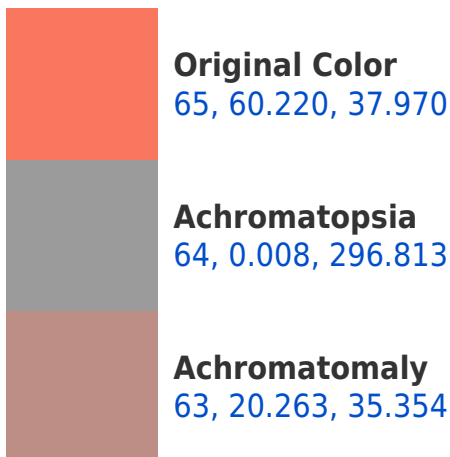


Tritanopia
65, 56.304, 21.893

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 60.220, 37.970 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(248, 119, 94)` looks like.

```
.text, #text, p{  
    color:rgb(248, 119, 94)  
}
```

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(248, 119, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 119, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 60.220, 37.970 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(248, 119, 94) }
```

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

```
.border{ border-color:rgb(248, 119, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 119, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 119, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 119, 94);  
box-shadow:4px 4px 4px 4px rgb(248, 119,  
94) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 60.220, 37.970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 119, 94) }
```

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

```
.background{ background-color: rgb(248,  
119, 94) }
```

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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