

Converting Colors

CIELCh(65, 58.069, 36.759)

Have a look what the booklet for
CIELCh(65, 58.069, 36.759) contains.

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Color

CIELCh(65, 58.069, 36.759)

Conversions

Conversions Part 1

Format	Color
Hex	F67862
RGB	246, 120, 98
RGB Percent	96%, 47%, 38%
CMY	0.0339, 0.5282, 0.6146
CMYK	0.00, 0.51, 0.60, 0.03
HSL	9°, 90%, 68%
HSV	9°, 60%, 97%
XYZ	47.0973, 34.0472, 15.7124
YIQ	155.1660, 82.1580, 19.8700

Conversions

Conversions Part 2

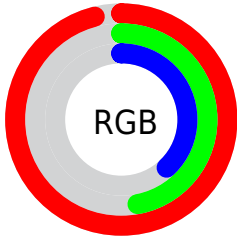
Format	Color
R _Y B	246, 124, 98
Decimal	16152674
CIE Lab	65.00, 46.52, 34.75
CIE LCh	65, 58.069, 36.759
Yxy	34.0472, 0.4863, 0.3515
Android (android.graphics.Color)	4294342754 (0xFFFF67862)
YUV	155.1660, -28.1828, 79.6614
Hunter-Lab	58.3500, 41.9644, 24.8794

Details

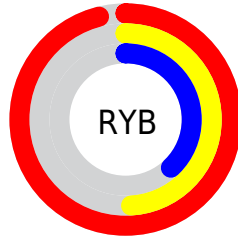
The CIELCh color **65, 58.069, 36.759** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **83, 35.586, 216.604**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 36.350, 43.811**, and **45, 57.847, 36.706** is the 20% darker color. If you saturate the color by 10%, you get **61, 69.825, 38.195**, and if you desaturate by 10%, it is **70, 46.679, 35.639**.

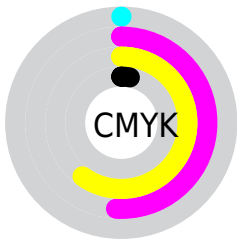
Distribution



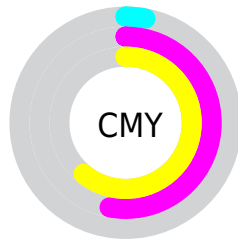
- Red (96%)
- Green (47%)
- Blue (38%)



- Red (96%)
- Yellow (49%)
- Blue (38%)



- Cyan (0%)
- Magenta (51%)
- Yellow (60%)
- Black (3%)



- Cyan (3%)
- Magenta (53%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 58.069, 36.759 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, 58.069, 36.759 by changing the saturation by 10% instead.

65, 58.069, 36.759

65, 58.069, 36.759

100, 58.069,
36.759

55, 58.069, 36.759

85, 58.069, 36.759

45, 58.069, 36.759

95, 58.069, 36.759

35, 58.069, 36.759

25, 58.069, 36.759

15, 58.069, 36.759

5, 58.069, 36.759

0, 58.069, 36.759

65, 58.069, 36.759

65, 58.069, 36.759

61, 69.825, 38.195

70, 46.679, 35.639

57, 81.443, 39.820

75, 35.906, 34.822

55, 91.784, 41.214

80, 25.855, 34.265

53, 99.053, 41.796

85, 16.553, 33.911

91, 7.977, 33.692

97, 0.081, 25.678

99, 2.995, 199.436

Harmonies

Complementary

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



65, 58.069, 36.759



83, 35.586, 216.604

Rectangle

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



65, 58.069, 36.759



65, 58.069, 86.759



65, 58.069, 216.759



65, 58.069, 266.759

Sweetspot

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



65, 58.067, 36.762



89, 15.105, 33.857



65, 80.571, 331.984



46, 10.627, 33.934



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, 58.067, 36.762



62, 74.127, 38.516



81, 54.648, 80.088



48, 4.451, 33.680



40, 79.882, 42.119



10, 28.225, 32.979

Inverse Universe

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



83, 35.586, 216.604



84, 40.220, 218.356



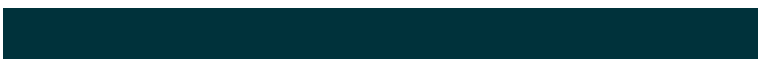
63, 53.242, 280.769



50, 4.186, 213.851



60, 34.414, 224.417



18, 15.394, 220.216

Previews

White Background



This preview shows how the CIELCh color 65, 58.069, 36.759 looks on a white background.

Color Contrast Check

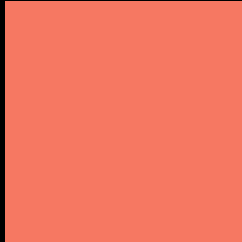
Large Text (above 18pt) WCAG AA × Fail

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, 58.069, 36.759 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, 58.069, 36.759

Background



This preview shows how black text looks on a background with the CIELCh color 65, 58.069, 36.759.



This preview shows how white text looks on a background with the CIELCh color 65, 58.069, 36.759.

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, 58.069, 36.759

Protanopia

65, 25.268, 95.855

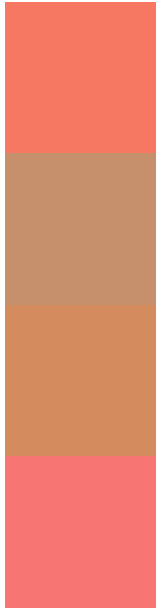
Deuteranopia

65, 37.141, 77.227



Tritanopia
65, 54.565, 21.467

Trichromacy



Original Color
65, 58.069, 36.759

Protanomaly
64, 31.522, 59.464

Deuteranomaly
65, 41.809, 57.077

Tritanomaly
65, 55.284, 27.336

Monochromacy



Original Color
65, 58.069, 36.759

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 19.659, 34.124

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 58.069, 36.759 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(246, 120, 98)` looks like.

```
.text, #text, p{  
    color:rgb(246, 120, 98)  
}
```

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(246, 120, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 120, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 58.069, 36.759 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(246, 120, 98) }
```

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

```
.border{ border-color:rgb(246, 120, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 120, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 120, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 120, 98);  
box-shadow:4px 4px 4px 4px rgb(246, 120,  
98) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 58.069, 36.759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 120, 98) }
```

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

```
.background{ background-color: rgb(246,  
120, 98) }
```

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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