

Converting Colors

CIELCh(67, 85.434, 60.150)

Have a look what the booklet for
CIELCh(67, 85.434, 60.150) contains.

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Color

CIELCh(67, 85.194, 60.118)

Conversions

Conversions Part 1

Format	Color
Hex	FE8001
RGB	254, 128, 1
RGB Percent	100%, 50%, 0%
CMY	0.0027, 0.4970, 0.9979
CMYK	0.00, 0.50, 1.00, 0.00
HSL	30°, 100%, 50%
HSV	30°, 100%, 100%
XYZ	48.7384, 36.6320, 4.5171
YIQ	151.1960, 115.8630, -12.7850

Conversions

Conversions Part 2

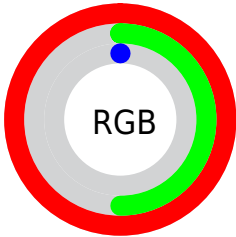
Format	Color
RYB	252, 254, 1
Decimal	16678913
CIELab	67.00, 42.44, 73.87
CIElCh	67, 85.194, 60.118
Yxy	36.6320, 0.5422, 0.4075
Android (android.graphics.Color)	4294868993 (0xFFFE8001)
YUV	151.1960, -74.0466, 90.1591
Hunter-Lab	60.5244, 37.8230, 37.9421

Details

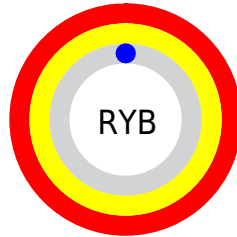
The CIELCh color **67, 85.194, 60.118** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated orange. A complement of this color would be **54, 73.829, 285.247**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 65.684, 75.196**, and **47, 71.783, 53.060** is the 20% darker color. If you saturate the color by 10%, you get **67, 85.296, 60.061**, and if you desaturate by 10%, it is **70, 79.985, 62.953**.

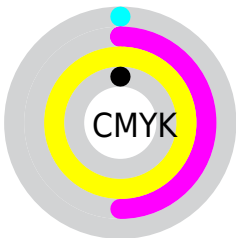
Distribution



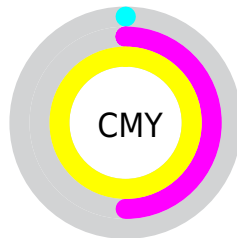
- Red (100%)
- Green (50%)
- Blue (0%)



- Red (99%)
- Yellow (100%)
- Blue (0%)



- Cyan (0%)
- Magenta (50%)
- Yellow (100%)
- Black (0%)



- Cyan (0%)
- Magenta (50%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 85.194, 60.118 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 67, 85.194, 60.118 by changing the saturation by 10% instead.

67, 85.194, 60.118

67, 85.194, 60.118

100, 85.194,
60.118

57, 85.194, 60.118

87, 85.194, 60.118

47, 85.194, 60.118

97, 85.194, 60.118

37, 85.194, 60.118

27, 85.194, 60.118

17, 85.194, 60.118

7, 85.194, 60.118

0, 85.194, 60.118

67, 85.194, 60.118

67, 85.194, 60.118

67, 85.296, 60.061

70, 79.985, 62.953

72, 72.316, 65.061

75, 63.094, 66.693

79, 53.314, 68.110

82, 43.533, 69.440

85, 34.016, 70.737

89, 24.873, 72.019

92, 16.135, 73.284

96, 7.795, 74.513

Harmonies

Complementary

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



67, 85.194, 60.118



54, 73.829, 285.247

Rectangle

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



67, 85.194, 60.118



67, 85.194, 110.118



67, 85.194, 240.118



67, 85.194, 290.118

Sweetspot

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



67, 85.191, 60.120



89, 25.119, 71.992



55, 84.430, 2.847



46, 17.310, 71.453



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



67, 85.191, 60.120



67, 85.476, 60.055



97, 96.672, 102.855



51, 4.535, 74.546



51, 68.599, 60.765



16, 27.009, 62.156

Inverse Universe

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



54, 73.829, 285.247



54, 74.156, 285.346



32, 133.445, 306.274



51, 4.437, 257.085



41, 58.695, 284.509



12, 23.874, 277.980

Previews

White Background



This preview shows how the CIELCh color 67, 85.194, 60.118 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 67, 85.194, 60.118 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 67, 85.194, 60.118

Background



This preview shows how black text looks on a background with the CIELCh color 67, 85.194, 60.118.



This preview shows how white text looks on a background with the CIELCh color 67, 85.194, 60.118.

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

67, 85.072, 60.065

Protanopia

67, 67.028, 95.321

Deuteranopia

67, 71.569, 83.129



Tritanopia
67, 55.172, 21.944

Trichromacy



Original Color
67, 85.072, 60.065

Protanomaly
66, 69.918, 79.951

Deuteranomaly
67, 74.802, 73.403

Tritanomaly
67, 65.592, 44.324

Monochromacy



Original Color
67, 85.072, 60.065

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 33.726, 69.838

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 85.194, 60.118 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, 128, 1)` looks like.

```
.text, #text, p{  
    color:rgb(254, 128, 1)  
}
```

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, 128, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 128, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 85.194, 60.118 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, 128, 1) }
```

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

```
.border{ border-color:rgb(254, 128, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 128, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 128, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 128, 1);  
box-shadow:4px 4px 4px 4px rgb(254, 128,  
1) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 85.194, 60.118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 128, 1) }
```

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

```
.background{ background-color: rgb(254,  
128, 1) }
```

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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