

Converting Colors

CIELCh(67, 54.087, 59.608)

Have a look what the booklet for
CIELCh(67, 54.087, 59.608) contains.

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Color

CIELCh(67, 54.164, 59.533)

Conversions

Conversions Part 1

Format	Color
Hex	E58E4F
RGB	229, 142, 79
RGB Percent	90%, 56%, 31%
CMY	0.1014, 0.4426, 0.6897
CMYK	0.00, 0.38, 0.65, 0.10
HSL	25°, 74%, 60%
HSV	25°, 65%, 90%
XYZ	43.4672, 36.6320, 12.1997
YIQ	160.8310, 72.0750, -1.1490

Conversions

Conversions Part 2

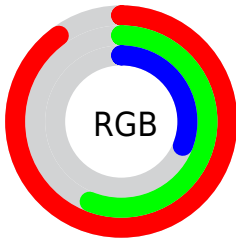
Format	Color
R _Y B	229, 188, 79
Decimal	15044175
CIE Lab	67.00, 27.46, 46.69
CIE LCh	67, 54.164, 59.533
Yxy	36.6320, 0.4709, 0.3969
Android (android.graphics.Color)	4293234255 (0xFFE58E4F)
YUV	160.8310, -40.3427, 59.7842
Hunter-Lab	60.5244, 22.2770, 30.4162

Details

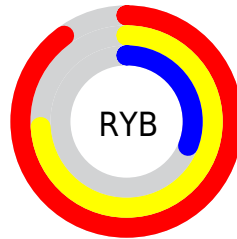
The CIELCh color **67, 54.164, 59.533** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **65, 40.037, 260.206**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 43.238, 71.972**, and **47, 54.122, 59.393** is the 20% darker color. If you saturate the color by 10%, you get **64, 63.638, 58.460**, and if you desaturate by 10%, it is **70, 44.703, 60.522**.

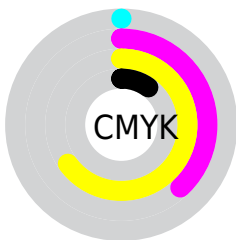
Distribution



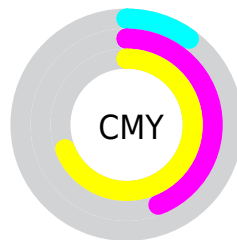
- Red (90%)
- Green (56%)
- Blue (31%)



- Red (90%)
- Yellow (74%)
- Blue (31%)



- Cyan (0%)
- Magenta (38%)
- Yellow (65%)
- Black (10%)



- Cyan (10%)
- Magenta (44%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 54.164, 59.533 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, 54.164, 59.533 by changing the saturation by 10% instead.

67, 54.164, 59.533

67, 54.164, 59.533

100, 54.164,
59.533

57, 54.164, 59.533

87, 54.164, 59.533

47, 54.164, 59.533

97, 54.164, 59.533

37, 54.164, 59.533

27, 54.164, 59.533

17, 54.164, 59.533

7, 54.164, 59.533

0, 54.164, 59.533

67, 54.164, 59.533

67, 54.164, 59.533

64, 63.638, 58.460

70, 44.703, 60.522

61, 72.447, 57.084

74, 35.575, 61.505

58, 79.408, 55.009

77, 26.906, 62.513

57, 82.022, 53.942

81, 18.730, 63.547

85, 11.034, 64.594

89, 3.785, 65.585

93, 3.059, 246.939

97, 7.313, 226.444

98, 8.805, 198.924

Harmonies

Complementary

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



67, 54.164, 59.533



65, 40.037, 260.206

Rectangle

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



67, 54.164, 59.533



67, 54.164, 109.533



67, 54.164, 239.533



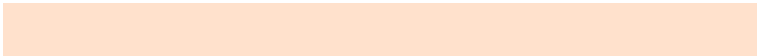
67, 54.164, 289.533

Sweetspot

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



67, 54.163, 59.537



92, 15.777, 64.108



57, 67.790, 346.407



48, 10.858, 63.812



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, 54.163, 59.537



69, 72.956, 57.964



85, 67.593, 99.828



46, 3.983, 65.211



45, 67.704, 54.596



11, 21.151, 52.015

Inverse Universe

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



65, 40.037, 260.206



67, 51.061, 265.879



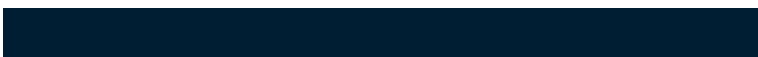
46, 80.814, 298.039



46, 3.848, 247.476



43, 46.854, 274.887



10, 17.298, 265.557

Previews

White Background



This preview shows how the CIELCh color 67, 54.164, 59.533 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, 54.164, 59.533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

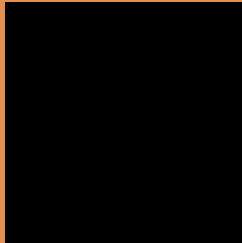
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 54.164, 59.533

Background



This preview shows how black text looks on a background with the CIELCh color 67, 54.164, 59.533.



This preview shows how white text looks on a background with the CIELCh color 67, 54.164, 59.533.

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, 54.164, 59.533

Protanopia

67, 42.423, 96.161

Deuteranopia

67, 48.314, 79.989



Tritanopia
67, 40.087, 16.847

Trichromacy



Original Color
67, 54.164, 59.533

Protanomaly
67, 44.229, 80.638

Deuteranomaly
67, 49.682, 71.896

Tritanomaly
67, 42.169, 36.431

Monochromacy



Original Color
67, 54.164, 59.533

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 18.558, 62.959

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 54.164, 59.533 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(229, 142, 79)` looks like.

```
.text, #text, p{  
    color:rgb(229, 142, 79)  
}
```

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(229, 142, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 142, 79) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 54.164, 59.533 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(229, 142, 79) }
```

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

```
.border{ border-color:rgb(229, 142, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 142, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 142, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 142, 79);  
box-shadow:4px 4px 4px 4px rgb(229, 142,  
79) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 54.164, 59.533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 142, 79) }
```

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

```
.background{ background-color: rgb(229,  
142, 79) }
```

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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