

Converting Colors

CIELCh(67, 52.254, 46.002)

Have a look what the booklet for
CIELCh(67, 52.254, 46.002) contains.

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Color

CIELCh(67, 52.275, 46.043)

Conversions

Conversions Part 1

Format	Color
Hex	EF8761
RGB	239, 135, 97
RGB Percent	94%, 53%, 38%
CMY	0.0619, 0.4699, 0.6189
CMYK	0.00, 0.43, 0.59, 0.06
HSL	16°, 82%, 66%
HSV	16°, 59%, 94%
XYZ	46.5223, 36.6320, 15.9695
YIQ	161.7640, 74.1820, 10.2300

Conversions

Conversions Part 2

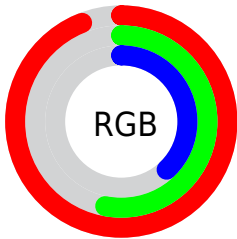
Format	Color
R_{YB}	239, 149, 97
Decimal	15697761
CIE Lab	67.00, 36.29, 37.63
CIE LCh	67, 52.275, 46.043
Yxy	36.6320, 0.4693, 0.3696
Android (android.graphics.Color)	4293887841 (0xFFEF8761)
YUV	161.7640, -31.9287, 67.7360
Hunter-Lab	60.5244, 31.2872, 26.7233

Details

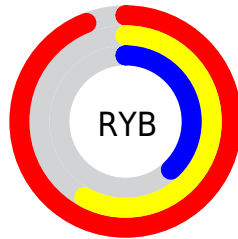
The CIELCh color **67, 52.275, 46.043** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **76, 33.884, 235.294**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 35.411, 57.946**, and **47, 52.262, 45.994** is the 20% darker color. If you saturate the color by 10%, you get **63, 63.165, 46.255**, and if you desaturate by 10%, it is **71, 41.849, 45.971**.

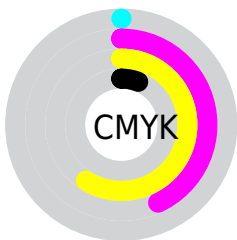
Distribution



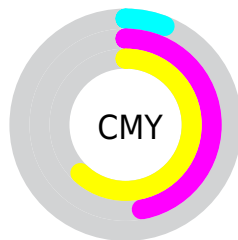
- Red (94%)
- Green (53%)
- Blue (38%)



- Red (94%)
- Yellow (58%)
- Blue (38%)



- Cyan (0%)
- Magenta (43%)
- Yellow (59%)
- Black (6%)



- Cyan (6%)
- Magenta (47%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 52.275, 46.043 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, 52.275, 46.043 by changing the saturation by 10% instead.

67, 52.275, 46.043

67, 52.275, 46.043

100, 52.275,
46.043

57, 52.275, 46.043

87, 52.275, 46.043

47, 52.275, 46.043

97, 52.275, 46.043

37, 52.275, 46.043

27, 52.275, 46.043

17, 52.275, 46.043

7, 52.275, 46.043

0, 52.275, 46.043

67, 52.275, 46.043

67, 52.275, 46.043

63, 63.165, 46.255

71, 41.849, 45.971

60, 74.097, 46.477

76, 32.064, 46.051

57, 84.100, 46.378

80, 22.968, 46.273

54, 91.720, 45.511

85, 14.549, 46.608

54, 92.164, 45.475

90, 6.767, 47.004

95, 0.436, 228.970

99, 5.431, 199.183

Harmonies

Complementary

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



67, 52.275, 46.043



76, 33.884, 235.294

Rectangle

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



67, 52.275, 46.043



67, 52.275, 96.043



67, 52.275, 226.043



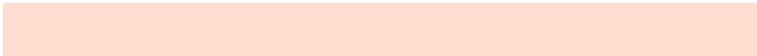
67, 52.275, 276.043

Sweetspot

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



67, 52.273, 46.047



91, 14.159, 46.659



63, 71.353, 337.558



47, 9.955, 46.548



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, 52.273, 46.047



66, 68.455, 46.301



84, 57.337, 90.871



48, 4.108, 47.001



42, 75.118, 45.981



10, 25.251, 39.640

Inverse Universe

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



76, 33.884, 235.294



78, 39.961, 238.667



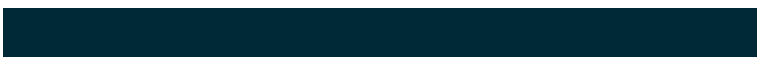
57, 62.048, 289.453



48, 3.891, 228.238



53, 36.509, 249.822



15, 15.303, 242.123

Previews

White Background



This preview shows how the CIELCh color 67, 52.275, 46.043 looks on a white background.

Color Contrast Check

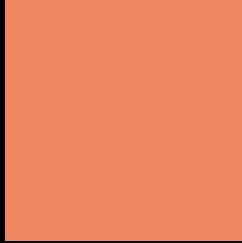
Large Text (above 18pt) WCAG AA × Fail

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, 52.275, 46.043 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, 52.275, 46.043

Background



This preview shows how black text looks on a background with the CIELCh color 67, 52.275, 46.043.



This preview shows how white text looks on a background with the CIELCh color 67, 52.275, 46.043.

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, 52.275, 46.043

Protanopia

67, 30.571, 95.673

Deuteranopia

67, 39.750, 77.741



Tritanopia
67, 46.020, 18.559

Trichromacy



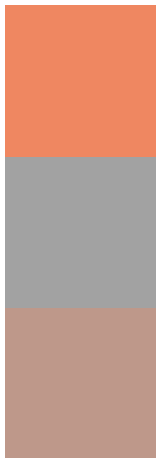
Original Color
67, 52.275, 46.043

Protanomaly
67, 34.430, 70.470

Deuteranomaly
67, 42.392, 63.043

Tritanomaly
67, 46.816, 29.410

Monochromacy



Original Color
67, 52.275, 46.043

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 17.563, 46.517

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 52.275, 46.043 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(239, 135, 97)` looks like.

```
.text, #text, p{  
    color:rgb(239, 135, 97)  
}
```

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(239, 135, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 135, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 52.275, 46.043 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(239, 135, 97) }
```

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

```
.border{ border-color:rgb(239, 135, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 135, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 135, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 135, 97);  
box-shadow:4px 4px 4px 4px rgb(239, 135,  
97) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 52.275, 46.043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 135, 97) }
```

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

```
.background{ background-color: rgb(239,  
135, 97) }
```

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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