

Converting Colors

CIELCh(67, 41.859, 30.863)

Have a look what the booklet for
CIELCh(67, 41.859, 30.863) contains.

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Color

CIELCh(67, 41.859, 30.863)

Conversions

Conversions Part 1

Format	Color
Hex	E9887E
RGB	233, 136, 126
RGB Percent	91%, 53%, 49%
CMY	0.0845, 0.4651, 0.5044
CMYK	0.00, 0.42, 0.46, 0.08
HSL	6°, 71%, 71%
HSV	6°, 46%, 92%
XYZ	46.3973, 36.6320, 24.4904
YIQ	163.8630, 61.0220, 17.4540

Conversions

Conversions Part 2

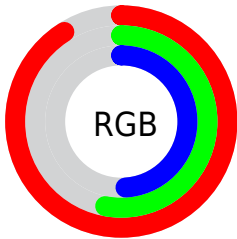
Format	Color
R _Y B	233, 137, 126
Decimal	15304830
CIE Lab	67.00, 35.93, 21.47
CIE LCh	67, 41.859, 30.863
Yxy	36.6320, 0.4315, 0.3407
Android (android.graphics.Color)	4293494910 (0xFFE9887E)
YUV	163.8630, -18.6665, 60.6331
Hunter-Lab	60.5244, 30.9184, 18.3761

Details

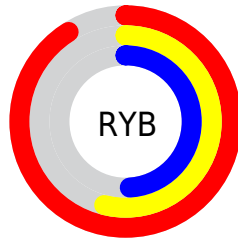
The CIELCh color **67, 41.859, 30.863** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84, 29.471, 207.952**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 26.371, 33.875**, and **47, 41.970, 30.666** is the 20% darker color. If you saturate the color by 10%, you get **62, 52.804, 32.297**, and if you desaturate by 10%, it is **72, 31.488, 29.797**.

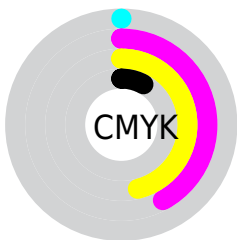
Distribution



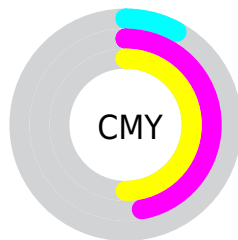
- Red (91%)
- Green (53%)
- Blue (49%)



- Red (91%)
- Yellow (54%)
- Blue (49%)



- Cyan (0%)
- Magenta (42%)
- Yellow (46%)
- Black (8%)



- Cyan (8%)
- Magenta (47%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 41.859, 30.863 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, 41.859, 30.863 by changing the saturation by 10% instead.

67, 41.859, 30.863

67, 41.859, 30.863

100, 41.859,
30.863

57, 41.859, 30.863

87, 41.859, 30.863

47, 41.859, 30.863

97, 41.859, 30.863

37, 41.859, 30.863

27, 41.859, 30.863

17, 41.859, 30.863

7, 41.859, 30.863

0, 41.859, 30.863

67, 41.859, 30.863

67, 41.859, 30.863

62, 52.804, 32.297

72, 31.488, 29.797

■ 58, 64.117, 34.136

■ 78, 21.801, 29.015

■ 54, 75.411, 36.351

■ 83, 12.828, 28.449

■ 52, 85.914, 38.668

■ 89, 4.549, 27.988

■ 50, 93.949, 40.315

■ 95, 3.081, 208.085

■ 49, 96.441, 40.882

■ 98, 7.374, 199.029

Harmonies

Complementary

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



67, 41.859, 30.863



84, 29.471, 207.952

Rectangle

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



67, 41.859, 30.863



67, 41.859, 80.863



67, 41.859, 210.863



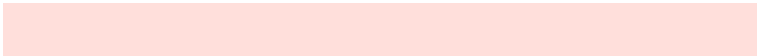
67, 41.859, 260.863

Sweetspot

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



67, 41.857, 30.867



91, 12.070, 28.364



68, 63.317, 329.405



47, 8.409, 28.467



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, 41.857, 30.867



68, 55.738, 32.200



79, 38.415, 77.721



46, 4.491, 28.159



38, 79.461, 41.098



8, 26.672, 27.836

Inverse Universe

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



84, 29.471, 207.952



89, 35.963, 208.324



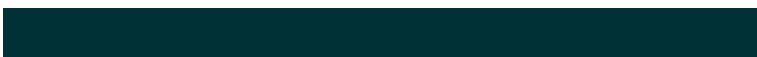
69, 36.024, 272.343



48, 4.223, 207.864



62, 34.692, 212.888



18, 15.037, 210.216

Previews

White Background



This preview shows how the CIELCh color 67, 41.859, 30.863 looks on a white background.

Color Contrast Check

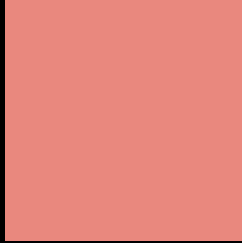
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 67, 41.859, 30.863 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, 41.859, 30.863

Background



This preview shows how black text looks on a background with the CIELCh color 67, 41.859, 30.863.

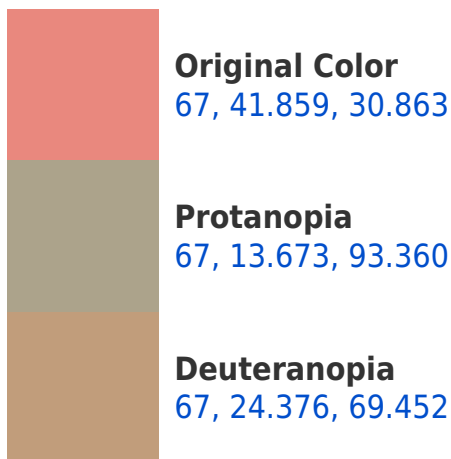


This preview shows how white text looks on a background with the CIELCh color 67, 41.859, 30.863.

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





Tritanopia
67, 41.307, 16.481

Trichromacy



Original Color
67, 41.859, 30.863

Protanomaly
66, 20.199, 51.565

Deuteranomaly
67, 29.011, 50.335

Tritanomaly
67, 40.914, 21.506

Monochromacy



Original Color
67, 41.859, 30.863

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 14.213, 29.500

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 41.859, 30.863 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(233, 136, 126)` looks like.

```
.text, #text, p{  
    color:rgb(233, 136, 126)  
}
```

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(233, 136, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 136, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 41.859, 30.863 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(233, 136, 126) }
```

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

```
.border{ border-color:rgb(233, 136, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 136, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 136, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 136, 126);  
box-shadow:4px 4px 4px 4px rgb(233, 136,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 41.859, 30.863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 136, 126) }
```

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

```
.background{ background-color: rgb(233,  
136, 126) }
```

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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