

Converting Colors

CIELCh(69, 39.633, 27.134)

Have a look what the booklet for
CIELCh(69, 39.633, 27.134) contains.

CIELCh(69, 39.348, 27.139)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(69, 39.348, 27.139)

Conversions

Conversions Part 1

Format	Color
Hex	ED8F8A
RGB	237, 143, 138
RGB Percent	93%, 56%, 54%
CMY	0.0718, 0.4402, 0.4598
CMYK	0.00, 0.40, 0.42, 0.07
HSL	3°, 73%, 73%
HSV	3°, 42%, 93%
XYZ	49.1751, 39.3444, 28.9484
YIQ	170.5360, 57.6290, 18.3730

Conversions

Conversions Part 2

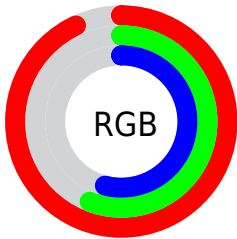
Format	Color
R _Y B	237, 143, 138
Decimal	15568778
CIE Lab	69.00, 35.02, 17.95
CIE LCh	69, 39.348, 27.139
Yxy	39.3444, 0.4186, 0.3349
Android (android.graphics.Color)	4293758858 (0xFFED8F8A)
YUV	170.5360, -16.0402, 58.2889
Hunter-Lab	62.7251, 30.1710, 16.5445

Details

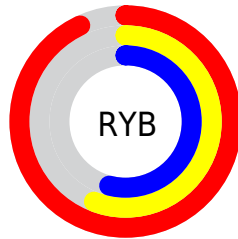
The CIELCh color **69, 39.348, 27.139** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **87, 28.862, 202.800**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **85, 22.373, 30.383**, and **49, 39.300, 27.222** is the 20% darker color. If you saturate the color by 10%, you get **64, 50.442, 28.736**, and if you desaturate by 10%, it is **75, 28.824, 25.938**.

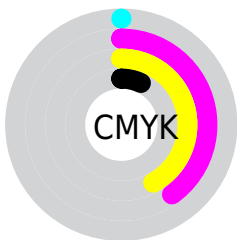
Distribution



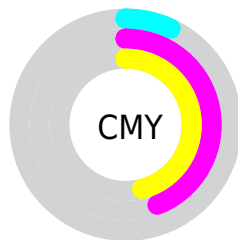
- Red (93%)
- Green (56%)
- Blue (54%)



- Red (93%)
- Yellow (56%)
- Blue (54%)



- Cyan (0%)
- Magenta (40%)
- Yellow (42%)
- Black (7%)



- Cyan (7%)
- Magenta (44%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 39.348, 27.139 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 69, 39.348, 27.139 by changing the saturation by 10% instead.

69, 39.348, 27.139

69, 39.348, 27.139

100, 39.348,
27.139

59, 39.348, 27.139

89, 39.348, 27.139

49, 39.348, 27.139

99, 39.348, 27.139

39, 39.348, 27.139

29, 39.348, 27.139

19, 39.348, 27.139

9, 39.348, 27.139

0, 39.348, 27.139

69, 39.348, 27.139

69, 39.348, 27.139

64, 50.442, 28.736

75, 28.824, 25.938

■ 59, 61.900, 30.799

■ 80, 18.988, 25.032

■ 56, 73.371, 33.360

■ 86, 9.870, 24.338

■ 53, 84.263, 36.263

■ 93, 1.451, 23.478

■ 51, 93.322, 38.904

■ 99, 6.280, 199.113

■ 50, 98.215, 40.393

Harmonies

Complementary

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



69, 39.348, 27.139



87, 28.862, 202.800

Rectangle

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



69, 39.348, 27.139



69, 39.348, 77.139



69, 39.348, 207.139



69, 39.348, 257.139

Sweetspot

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



69, 39.346, 27.143



91, 11.602, 24.416



71, 60.090, 328.138



47, 8.192, 24.560



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 39.346, 27.143



69, 51.448, 28.450



80, 34.571, 75.124



46, 4.669, 24.193



38, 80.150, 40.540



8, 27.507, 25.388

Inverse Universe

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



87, 28.862, 202.800



91, 35.058, 202.787



73, 31.826, 268.113



48, 4.392, 203.568



64, 36.240, 204.760



18, 15.658, 203.456

Previews

White Background



This preview shows how the CIELCh color 69, 39.348, 27.139 looks on a white background.

Color Contrast Check

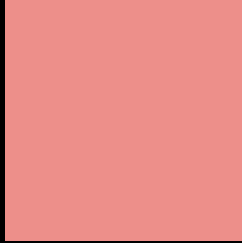
Large Text (above 18pt) WCAG AA × Fail

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 69, 39.348, 27.139 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 69, 39.348, 27.139

Background



This preview shows how black text looks on a background with the CIELCh color 69, 39.348, 27.139.



This preview shows how white text looks on a background with the CIELCh color 69, 39.348, 27.139.

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
69, 39.361, 15.762

Trichromacy



Original Color
69, 39.348, 27.139

Protanomaly
69, 17.489, 44.456

Deuteranomaly
69, 26.149, 45.651

Tritanomaly
69, 39.229, 20.322

Monochromacy



Original Color
69, 39.348, 27.139

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 13.491, 25.202

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 39.348, 27.139 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(237, 143, 138)` looks like.

```
.text, #text, p{  
    color:rgb(237, 143, 138)  
}
```

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(237, 143, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 143, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 39.348, 27.139 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(237, 143, 138) }
```

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

```
.border{ border-color:rgb(237, 143, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 143, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 143, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 143, 138); box-shadow:4px 4px 4px 4px rgb(237, 143, 138) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 39.348, 27.139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 143, 138) }
```

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

```
.background{ background-color: rgb(237,  
143, 138) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor