

Converting Colors

CIELCh(69, 40.196, 26.805)

Have a look what the booklet for
CIELCh(69, 40.196, 26.805) contains.

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Color

CIELCh(69, 40.242, 27.161)

Conversions

Conversions Part 1

Format	Color
Hex	EE8E89
RGB	238, 142, 137
RGB Percent	93%, 56%, 54%
CMY	0.0665, 0.4430, 0.4626
CMYK	0.00, 0.40, 0.42, 0.07
HSL	3°, 75%, 74%
HSV	3°, 42%, 93%
XYZ	49.4654, 39.3444, 28.6647
YIQ	170.1340, 58.8210, 18.7970

Conversions

Conversions Part 2

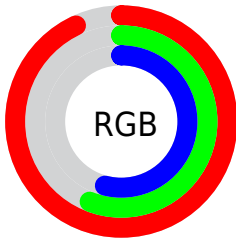
Format	Color
R _Y B	238, 142, 137
Decimal	15634057
CIE Lab	69.00, 35.80, 18.37
CIE LCh	69, 40.242, 27.161
Yxy	39.3444, 0.4211, 0.3349
Android (android.graphics.Color)	4293824137 (0xFFEE8E89)
YUV	170.1340, -16.3351, 59.5185
Hunter-Lab	62.7251, 30.9974, 16.8127

Details

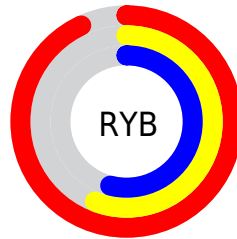
The CIELCh color **69, 40.242, 27.161** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **87, 29.360, 202.691**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **84, 22.791, 30.253**, and **49, 40.259, 27.332** is the 20% darker color. If you saturate the color by 10%, you get **64, 51.423, 28.793**, and if you desaturate by 10%, it is **75, 29.622, 25.932**.

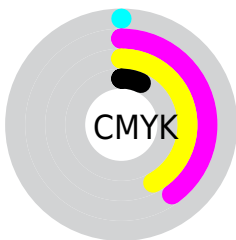
Distribution



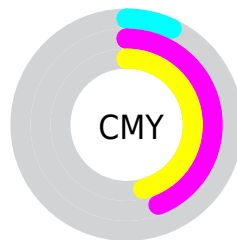
- Red (93%)
- Green (56%)
- Blue (54%)



- 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, 40.242, 27.161 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, 40.242, 27.161 by changing the saturation by 10% instead.

69, 40.242, 27.161

69, 40.242, 27.161

100, 40.242,
27.161

59, 40.242, 27.161

89, 40.242, 27.161

49, 40.242, 27.161

99, 40.242, 27.161

39, 40.242, 27.161

29, 40.242, 27.161

19, 40.242, 27.161

9, 40.242, 27.161

0, 40.242, 27.161

69, 40.242, 27.161

69, 40.242, 27.161

64, 51.423, 28.793

75, 29.622, 25.932

■ 59, 62.948, 30.897

■ 80, 19.688, 25.005

■ 56, 74.454, 33.500

■ 86, 10.476, 24.296

■ 53, 85.320, 36.424

■ 93, 1.968, 23.532

■ 51, 94.218, 39.024

■ 99, 5.829, 199.150

■ 50, 98.649, 40.383

Harmonies

Complementary

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



69, 40.242, 27.161



87, 29.360, 202.691

Rectangle

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



69, 40.242, 27.161



69, 40.242, 77.161



69, 40.242, 207.161



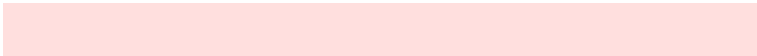
69, 40.242, 257.161

Sweetspot

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



69, 40.240, 27.165



91, 11.612, 24.335



71, 61.895, 327.670



47, 8.199, 24.480



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, 40.240, 27.165



69, 52.684, 28.566



80, 35.010, 73.411



47, 4.757, 24.112



38, 81.016, 40.525



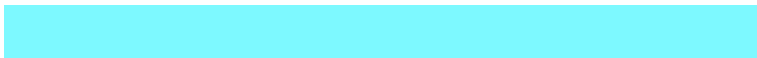
8, 28.765, 26.507

Inverse Universe

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



87, 29.360, 202.691



91, 35.586, 202.681



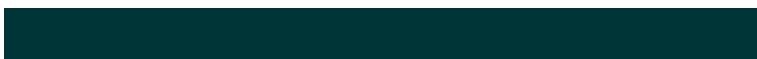
73, 31.784, 266.573



49, 4.474, 203.478



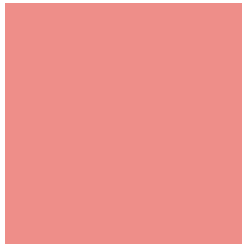
65, 36.657, 204.602



19, 16.136, 203.388

Previews

White Background



This preview shows how the CIELCh color 69, 40.242, 27.161 looks on a white background.

Color Contrast Check

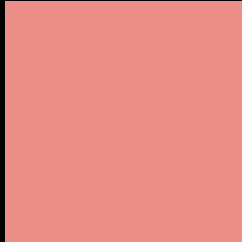
Large Text (above 18pt) WCAG AA × Fail

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, 40.242, 27.161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

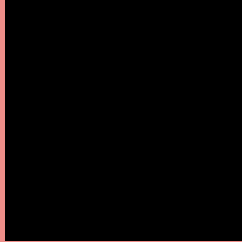
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 40.242, 27.161

Background



This preview shows how black text looks on a background with the CIELCh color 69, 40.242, 27.161.

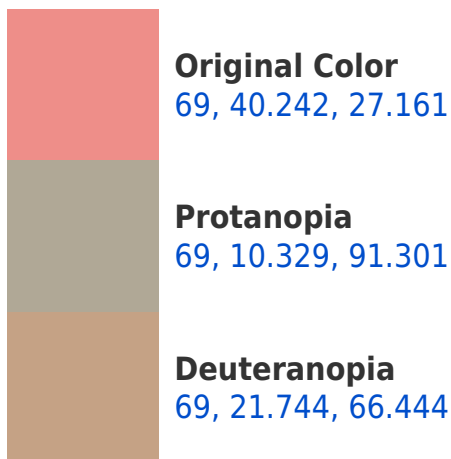


This preview shows how white text looks on a background with the CIELCh color 69, 40.242, 27.161.

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, 40.211, 16.044

Trichromacy



Original Color
69, 40.242, 27.161

Protanomaly
69, 18.140, 45.437

Deuteranomaly
69, 26.832, 46.264

Tritanomaly
69, 40.101, 20.503

Monochromacy



Original Color
69, 40.242, 27.161

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 13.895, 25.103

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 40.242, 27.161 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(238, 142, 137)` looks like.

```
.text, #text, p{  
    color:rgb(238, 142, 137)  
}
```

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(238, 142, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 142, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 40.242, 27.161 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(238, 142, 137) }
```

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

```
.border{ border-color:rgb(238, 142, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 142, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(238, 142, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(238, 142, 137); box-shadow:4px 4px 4px 4px rgb(238, 142, 137) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 40.242, 27.161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 142, 137) }
```

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

```
.background{ background-color: rgb(238,  
142, 137) }
```

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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