

Converting Colors

CIELCh(70, 38.973, 32.331)

Have a look what the booklet for
CIELCh(70, 38.973, 32.331) contains.

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Color

CIELCh(70, 39.052, 32.373)

Conversions

Conversions Part 1

Format	Color
Hex	EE9387
RGB	238, 147, 135
RGB Percent	93%, 58%, 53%
CMY	0.0670, 0.4238, 0.4709
CMYK	0.00, 0.38, 0.43, 0.07
HSL	7°, 75%, 73%
HSV	7°, 43%, 93%
XYZ	50.0167, 40.7494, 28.1212
YIQ	172.8410, 58.0880, 15.5600

Conversions

Conversions Part 2

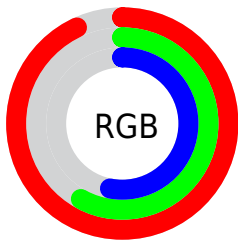
Format	Color
R _Y B	238, 149, 135
Decimal	15635335
CIE Lab	70.00, 32.98, 20.91
CIE LCh	70, 39.052, 32.373
Yxy	40.7494, 0.4207, 0.3428
Android (android.graphics.Color)	4293825415 (0xFFEE9387)
YUV	172.8410, -18.6556, 57.1444
Hunter-Lab	63.8353, 28.1479, 18.5658

Details

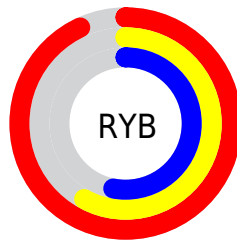
The CIELCh color **70, 39.052, 32.373** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **85, 28.094, 210.763**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **86, 21.965, 40.107**, and **50, 39.069, 32.563** is the 20% darker color. If you saturate the color by 10%, you get **65, 49.906, 33.535**, and if you desaturate by 10%, it is **75, 28.844, 31.533**.

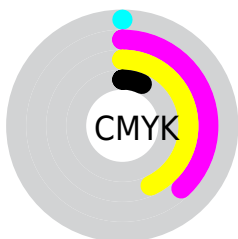
Distribution



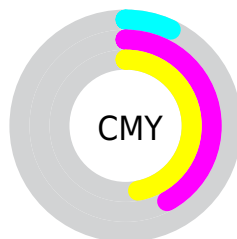
- Red (93%)
- Green (58%)
- Blue (53%)



- Red (93%)
- Yellow (58%)
- Blue (53%)



- Cyan (0%)
- Magenta (38%)
- Yellow (43%)
- Black (7%)



- Cyan (7%)
- Magenta (42%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 39.052, 32.373 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 70, 39.052, 32.373 by changing the saturation by 10% instead.

70, 39.052, 32.373

70, 39.052, 32.373

100, 39.052,
32.373

60, 39.052, 32.373

90, 39.052, 32.373

50, 39.052, 32.373

40, 39.052, 32.373

30, 39.052, 32.373

20, 39.052, 32.373

10, 39.052, 32.373

0, 39.052, 32.373

70, 39.052, 32.373

70, 39.052, 32.373

65, 49.906, 33.535

75, 28.844, 31.533

61, 61.251, 35.056

81, 19.357, 30.939

57, 72.765, 36.930

86, 10.591, 30.526

54, 83.808, 38.969

92, 2.514, 30.098

52, 92.965, 40.574

98, 4.930, 210.356

51, 97.323, 41.218

99, 5.872, 199.146

Harmonies

Complementary

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



70, 39.052, 32.373



85, 28.094, 210.763

Rectangle

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



70, 39.052, 32.373



70, 39.052, 82.373



70, 39.052, 212.373



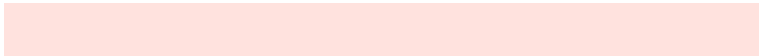
70, 39.052, 262.373

Sweetspot

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



70, 39.050, 32.377



92, 10.950, 30.518



70, 60.272, 329.809



48, 7.734, 30.597



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 39.050, 32.377



70, 51.317, 33.391



82, 37.052, 79.613



47, 4.485, 30.395



39, 79.833, 41.471



9, 27.498, 30.269

Inverse Universe

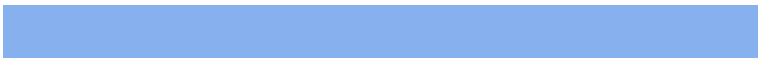
The Inverse Universe completely reimagines the original color for something new.



85, 28.094, 210.763



89, 33.999, 211.240



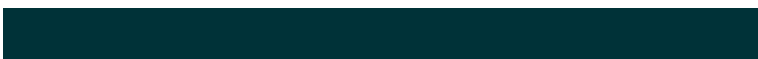
71, 35.272, 273.207



49, 4.216, 210.288



61, 34.491, 217.560



18, 15.220, 214.256

Previews

White Background



This preview shows how the CIELCh color 70, 39.052, 32.373 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 70, 39.052, 32.373 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 70, 39.052, 32.373

Background



This preview shows how black text looks on a background with the CIELCh color 70, 39.052, 32.373.

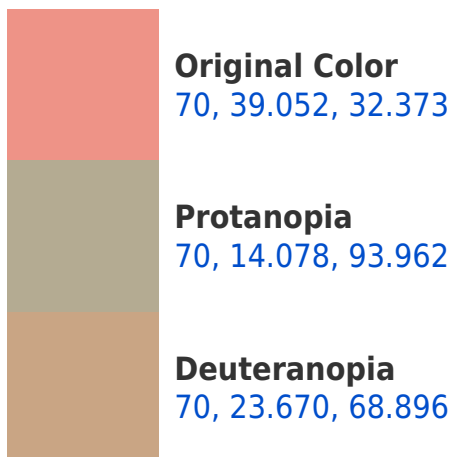


This preview shows how white text looks on a background with the CIELCh color 70, 39.052, 32.373.

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
70, 38.799, 14.754

Trichromacy



Original Color
70, 39.052, 32.373

Protanomaly
70, 19.551, 54.131

Deuteranomaly
70, 27.569, 50.348

Tritanomaly
70, 38.337, 20.882

Monochromacy



Original Color
70, 39.052, 32.373

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 13.355, 32.189

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 39.052, 32.373 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, 147, 135)` looks like.

```
.text, #text, p{  
    color:rgb(238, 147, 135)  
}
```

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, 147, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 147, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 39.052, 32.373 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, 147, 135) }
```

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

```
.border{ border-color:rgb(238, 147, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 147, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 147, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 147, 135);  
box-shadow:4px 4px 4px 4px rgb(238, 147,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 39.052, 32.373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 147, 135) }
```

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

```
.background{ background-color: rgb(238,  
147, 135) }
```

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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