

Converting Colors

CIELCh(69, 37.719, 38.229)

Have a look what the booklet for
CIELCh(69, 37.719, 38.229) contains.

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Color

CIELCh(69, 37.660, 38.219)

Conversions

Conversions Part 1

Format	Color
Hex	E79380
RGB	231, 147, 128
RGB Percent	91%, 58%, 50%
CMY	0.0947, 0.4240, 0.4985
CMYK	0.00, 0.36, 0.45, 0.09
HSL	11°, 68%, 70%
HSV	11°, 45%, 91%
XYZ	47.2069, 39.3444, 25.4835
YIQ	169.9500, 56.1630, 11.8990

Conversions

Conversions Part 2

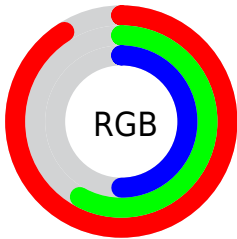
Format	Color
R _Y B	231, 151, 128
Decimal	15176576
CIE Lab	69.00, 29.59, 23.30
CIE LCh	69, 37.660, 38.219
Yxy	39.3444, 0.4214, 0.3512
Android (android.graphics.Color)	4293366656 (0xFFE79380)
YUV	169.9500, -20.6814, 53.5408
Hunter-Lab	62.7251, 24.5700, 19.8197

Details

The CIELCh color **69, 37.660, 38.219** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **80, 26.934, 220.049**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **85, 23.735, 48.029**, and **49, 37.886, 37.625** is the 20% darker color. If you saturate the color by 10%, you get **65, 47.951, 38.879**, and if you desaturate by 10%, it is **74, 28.032, 37.806**.

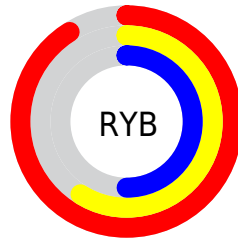
Distribution



Red (91%)

Green (58%)

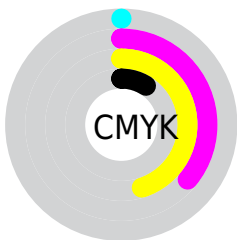
Blue (50%)



Red (91%)

Yellow (59%)

Blue (50%)

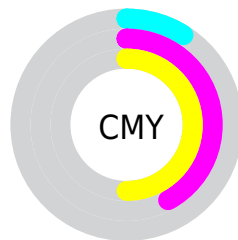


Cyan (0%)

Magenta (36%)

Yellow (45%)

Black (9%)



Cyan (9%)

Magenta (42%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 37.660, 38.219 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, 37.660, 38.219 by changing the saturation by 10% instead.

69, 37.660, 38.219

69, 37.660, 38.219

100, 37.660,
38.219

59, 37.660, 38.219

89, 37.660, 38.219

49, 37.660, 38.219

99, 37.660, 38.219

39, 37.660, 38.219

29, 37.660, 38.219

19, 37.660, 38.219

9, 37.660, 38.219

0, 37.660, 38.219

69, 37.660, 38.219

69, 37.660, 38.219

65, 47.951, 38.879

74, 28.032, 37.806

60, 58.786, 39.794

79, 19.111, 37.585

57, 69.869, 40.926

84, 10.878, 37.509

54, 80.540, 42.064

89, 3.292, 37.449

51, 89.361, 42.633

94, 3.705, 217.959

50, 93.044, 42.724

98, 8.239, 198.965

Harmonies

Complementary

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



69, 37.660, 38.219



80, 26.934, 220.049

Rectangle

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



69, 37.660, 38.219



69, 37.660, 88.219



69, 37.660, 218.219



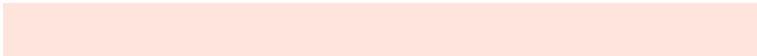
69, 37.660, 268.219

Sweetspot

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



69, 37.658, 38.224



93, 10.427, 37.505



67, 57.174, 332.848



48, 7.364, 37.511



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, 37.658, 38.224



71, 51.341, 38.854



81, 39.503, 86.585



45, 4.120, 37.499



39, 76.352, 43.101



8, 23.870, 32.254

Inverse Universe

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



80, 26.934, 220.049



86, 33.564, 221.216



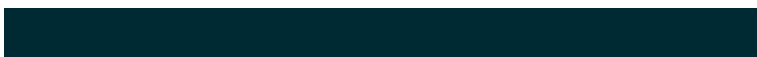
66, 39.645, 280.216



47, 3.881, 217.989



56, 33.412, 232.079



15, 13.985, 225.892

Previews

White Background



This preview shows how the CIELCh color 69, 37.660, 38.219 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 69, 37.660, 38.219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

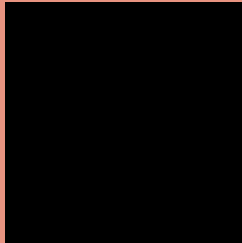
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 37.660, 38.219

Background



This preview shows how black text looks on a background with the CIELCh color 69, 37.660, 38.219.



This preview shows how white text looks on a background with the CIELCh color 69, 37.660, 38.219.

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, 36.448, 13.916

Trichromacy



Original Color
69, 37.660, 38.219

Protanomaly
69, 21.497, 61.357

Deuteranomaly
69, 29.010, 54.905

Tritanomaly
69, 36.173, 23.019

Monochromacy



Original Color
69, 37.660, 38.219

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 12.550, 38.020

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 37.660, 38.219 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(231, 147, 128)` looks like.

```
.text, #text, p{  
    color:rgb(231, 147, 128)  
}
```

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(231, 147, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 147, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 37.660, 38.219 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(231, 147, 128) }
```

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

```
.border{ border-color:rgb(231, 147, 128) }
```

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

Here you see how a box with a 4 pixel rgb(231, 147, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 147, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 147, 128);  
box-shadow:4px 4px 4px 4px rgb(231, 147,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 37.660, 38.219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 147, 128) }
```

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

```
.background{ background-color: rgb(231,  
147, 128) }
```

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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