

Converting Colors

CIELCh(69, 51.064, 38.843)

Have a look what the booklet for
CIELCh(69, 51.064, 38.843) contains.

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Color

CIELCh(69, 51.064, 38.843)

Conversions

Conversions Part 1

Format	Color
Hex	F98A71
RGB	249, 138, 113
RGB Percent	98%, 54%, 44%
CMY	0.0250, 0.4600, 0.5580
CMYK	0.00, 0.45, 0.55, 0.02
HSL	11°, 91%, 71%
HSV	11°, 55%, 98%
XYZ	50.9439, 39.3444, 20.4442
YIQ	168.3390, 74.1810, 15.7570

Conversions

Conversions Part 2

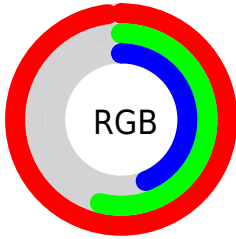
Format	Color
R _Y B	249, 144, 113
Decimal	16353905
CIE Lab	69.00, 39.77, 32.03
CIE LCh	69, 51.064, 38.843
Yxy	39.3444, 0.4601, 0.3553
Android (android.graphics.Color)	4294543985 (0xFFFF98A71)
YUV	168.3390, -27.2821, 70.7397
Hunter-Lab	62.7251, 35.2047, 24.5830

Details

The CIELCh color **69, 51.064, 38.843** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **84, 33.185, 221.196**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **83, 29.365, 50.710**, and **49, 50.783, 38.824** is the 20% darker color. If you saturate the color by 10%, you get **65, 62.586, 39.780**, and if you desaturate by 10%, it is **74, 40.108, 38.176**.

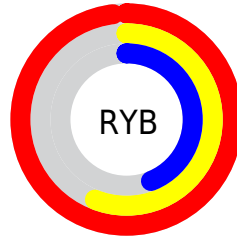
Distribution



Red (98%)

Green (54%)

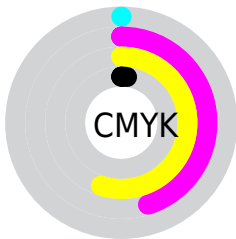
Blue (44%)



Red (98%)

Yellow (56%)

Blue (44%)

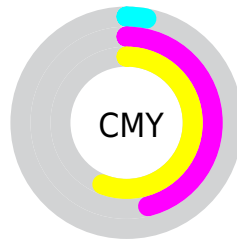


Cyan (0%)

Magenta (45%)

Yellow (55%)

Black (2%)



Cyan (3%)

Magenta (46%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 51.064, 38.843 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, 51.064, 38.843 by changing the saturation by 10% instead.

69, 51.064, 38.843

69, 51.064, 38.843

100, 51.064,
38.843

59, 51.064, 38.843

89, 51.064, 38.843

49, 51.064, 38.843

99, 51.064, 38.843

39, 51.064, 38.843

29, 51.064, 38.843

19, 51.064, 38.843

9, 51.064, 38.843

0, 51.064, 38.843

69, 51.064, 38.843

69, 51.064, 38.843

65, 62.586, 39.780

74, 40.108, 38.176

61, 74.359, 40.930

79, 29.864, 37.748

58, 85.652, 42.072

84, 20.371, 37.518

55, 94.882, 42.608

90, 11.614, 37.436

54, 98.562, 42.617

95, 3.546, 37.376

100, 2.207,
199.565

Harmonies

Complementary

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



69, 51.064, 38.843



84, 33.185, 221.196

Rectangle

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



69, 51.064, 38.843



69, 51.064, 88.843



69, 51.064, 218.843



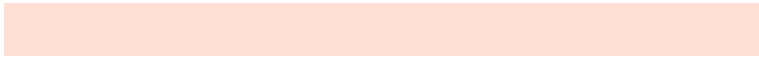
69, 51.064, 268.843

Sweetspot

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



69, 51.062, 38.847



91, 13.001, 37.441



67, 72.700, 333.569



47, 8.854, 37.452



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, 51.062, 38.847



66, 65.493, 39.932



85, 51.549, 85.120



49, 4.422, 37.425



41, 79.694, 42.991



11, 28.969, 35.614

Inverse Universe

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



84, 33.185, 221.196



83, 38.029, 223.080



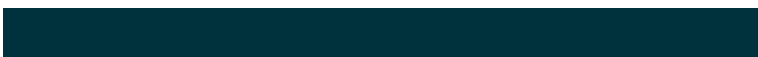
65, 52.167, 282.897



51, 4.163, 217.909



59, 34.821, 232.088



18, 15.709, 227.023

Previews

White Background



This preview shows how the CIELCh color 69, 51.064, 38.843 looks on a white background.

Color Contrast Check

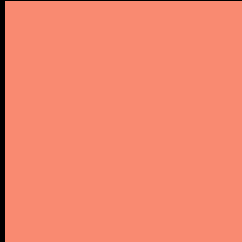
Large Text (above 18pt) WCAG AA × Fail

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, 51.064, 38.843 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, 51.064, 38.843

Background



This preview shows how black text looks on a background with the CIELCh color 69, 51.064, 38.843.



This preview shows how white text looks on a background with the CIELCh color 69, 51.064, 38.843.

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



Original Color

69, 51.064, 38.843

Protanopia

69, 23.916, 95.719

Deuteranopia

69, 34.566, 75.251



Tritanopia
69, 48.202, 18.402

Trichromacy



Original Color
69, 51.064, 38.843

Protanomaly
69, 29.260, 63.567

Deuteranomaly
69, 38.382, 58.111

Tritanomaly
69, 48.299, 26.287

Monochromacy



Original Color
69, 51.064, 38.843

Achromatopsia
69, 0.009, 296.813

Achromatomaly
68, 16.992, 37.502

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 51.064, 38.843 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(249, 138, 113)` looks like.

```
.text, #text, p{  
    color:rgb(249, 138, 113)  
}
```

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(249, 138, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 138, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 51.064, 38.843 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(249, 138, 113) }
```

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

```
.border{ border-color:rgb(249, 138, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 138, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 138, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 138, 113);  
box-shadow:4px 4px 4px 4px rgb(249, 138,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 51.064, 38.843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 138, 113) }
```

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

```
.background{ background-color: rgb(249,  
138, 113) }
```

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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