

Converting Colors

CIELCh(69, 50.006, 41.624)

Have a look what the booklet for
CIELCh(69, 50.006, 41.624) contains.

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Color

CIELCh(69, 50.224, 41.908)

Conversions

Conversions Part 1

Format	Color
Hex	F68C6E
RGB	246, 140, 110
RGB Percent	96%, 55%, 43%
CMY	0.0364, 0.4519, 0.5695
CMYK	0.00, 0.43, 0.55, 0.04
HSL	13°, 88%, 70%
HSV	13°, 55%, 96%
XYZ	50.0482, 39.3444, 19.6411
YIQ	168.2740, 72.8060, 13.1420

Conversions

Conversions Part 2

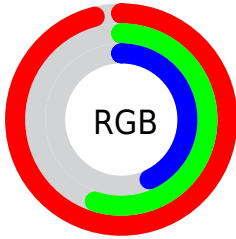
Format	Color
R _Y B	246, 148, 110
Decimal	16157806
CIE Lab	69.00, 37.38, 33.55
CIE LCh	69, 50.224, 41.908
Yxy	39.3444, 0.4590, 0.3608
Android (android.graphics.Color)	4294347886 (0xFFFF68C6E)
YUV	168.2740, -28.7291, 68.1657
Hunter-Lab	62.7251, 32.6557, 25.3421

Details

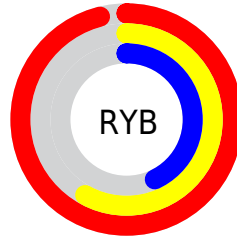
The CIELCh color **69, 50.224, 41.908** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **81, 32.846, 226.962**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **83, 30.246, 55.345**, and **49, 49.930, 41.825** is the 20% darker color. If you saturate the color by 10%, you get **65, 61.472, 42.509**, and if you desaturate by 10%, it is **74, 39.546, 41.525**.

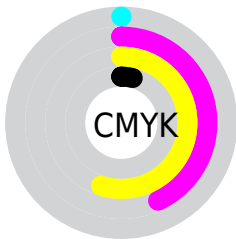
Distribution



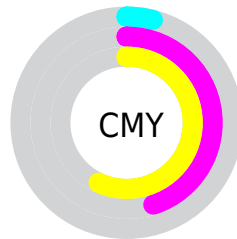
- Red (96%)
- Green (55%)
- Blue (43%)



- Red (96%)
- Yellow (58%)
- Blue (43%)



- Cyan (0%)
- Magenta (43%)
- Yellow (55%)
- Black (4%)



- Cyan (4%)
- Magenta (45%)
- Yellow (57%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 50.224, 41.908 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, 50.224, 41.908 by changing the saturation by 10% instead.

 69, 50.224, 41.908

 69, 50.224, 41.908

 100, 50.224,
41.908

 59, 50.224, 41.908

 89, 50.224, 41.908

 49, 50.224, 41.908

 99, 50.224, 41.908

 39, 50.224, 41.908

 29, 50.224, 41.908

 19, 50.224, 41.908

 9, 50.224, 41.908

 0, 50.224, 41.908

 69, 50.224, 41.908

 69, 50.224, 41.908

 65, 61.472, 42.509

 74, 39.546, 41.525

61, 72.975, 43.254

78, 29.572, 41.340

58, 83.990, 43.912

83, 20.331, 41.326

55, 92.940, 43.901

89, 11.802, 41.438

54, 96.210, 43.713

94, 3.937, 41.574

99, 3.098, 202.627

99, 3.213, 199.408

Harmonies

Complementary

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



69, 50.224, 41.908



81, 32.846, 226.962

Rectangle

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



69, 50.224, 41.908



69, 50.224, 91.908



69, 50.224, 221.908



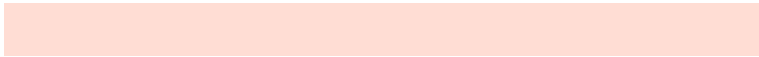
69, 50.224, 271.908

Sweetspot

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



69, 50.222, 41.912



91, 13.585, 41.413



66, 71.137, 334.985



47, 9.163, 41.385



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, 50.222, 41.912



67, 64.171, 42.565



85, 52.848, 87.679



48, 4.259, 41.534



41, 77.652, 44.158



11, 27.176, 37.107

Inverse Universe

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



81, 32.846, 226.962



81, 37.855, 229.215



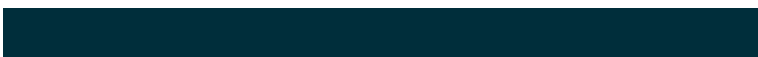
63, 54.827, 285.325



50, 4.018, 222.353



56, 35.137, 240.058



17, 15.364, 233.720

Previews

White Background



This preview shows how the CIELCh color 69, 50.224, 41.908 looks on a white background.

Color Contrast Check

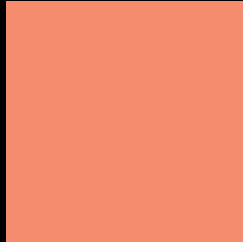
Large Text (above 18pt) WCAG AA × Fail

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, 50.224, 41.908 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, 50.224, 41.908

Background



This preview shows how black text looks on a background with the CIELCh color 69, 50.224, 41.908.

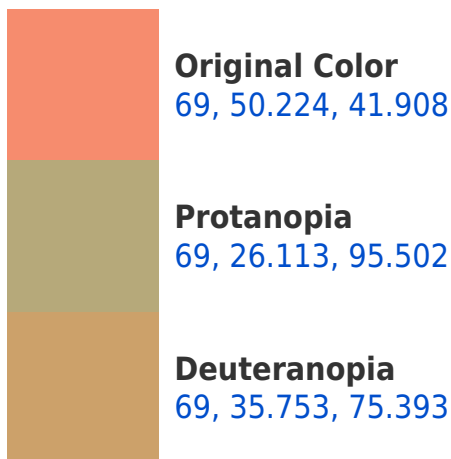


This preview shows how white text looks on a background with the CIELCh color 69, 50.224, 41.908.

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, 46.088, 17.813

Trichromacy



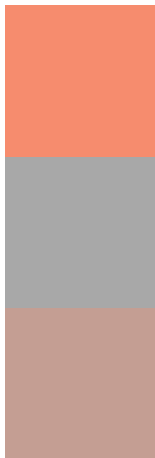
Original Color
69, 50.224, 41.908

Protanomaly
69, 30.216, 65.999

Deuteranomaly
69, 39.216, 60.019

Tritanomaly
69, 46.399, 27.380

Monochromacy



Original Color
69, 50.224, 41.908

Achromatopsia
69, 0.009, 296.813

Achromatomaly
68, 16.623, 41.742

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 50.224, 41.908 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(246, 140, 110)` looks like.

```
.text, #text, p{  
    color:rgb(246, 140, 110)  
}
```

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(246, 140, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 140, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 50.224, 41.908 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(246, 140, 110) }
```

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

```
.border{ border-color:rgb(246, 140, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 140, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 140, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 140, 110);  
box-shadow:4px 4px 4px 4px rgb(246, 140,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 50.224, 41.908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 140, 110) }
```

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

```
.background{ background-color: rgb(246,  
140, 110) }
```

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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