

Converting Colors

CIELCh(69, 50.121, 40.774)

Have a look what the booklet for
CIELCh(69, 50.121, 40.774) contains.

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Color

CIELCh(69, 50.145, 40.784)

Conversions

Conversions Part 1

Format	Color
Hex	F68B6F
RGB	246, 139, 111
RGB Percent	96%, 55%, 44%
CMY	0.0341, 0.4538, 0.5637
CMYK	0.00, 0.43, 0.55, 0.03
HSL	12°, 89%, 70%
HSV	12°, 55%, 97%
XYZ	50.2683, 39.3444, 20.0566
YIQ	167.8010, 72.7600, 13.9760

Conversions

Conversions Part 2

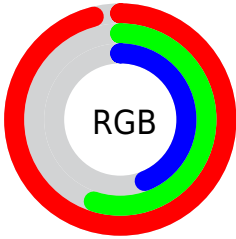
Format	Color
R_{YB}	246, 146, 111
Decimal	16157551
CIE _{Lab}	69.00, 37.97, 32.76
CIE _{LCh}	69, 50.145, 40.784
Yxy	39.3444, 0.4584, 0.3588
Android (android.graphics.Color)	4294347631 (0xFFFF68B6F)
YUV	167.8010, -28.0029, 68.5805
Hunter-Lab	62.7251, 33.2821, 24.9494

Details

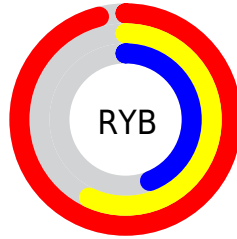
The CIELCh color **69, 50.145, 40.784** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **82, 32.777, 224.839**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **83, 29.947, 53.442**, and **49, 49.842, 40.710** is the 20% darker color. If you saturate the color by 10%, you get **65, 61.464, 41.499**, and if you desaturate by 10%, it is **74, 39.402, 40.306**.

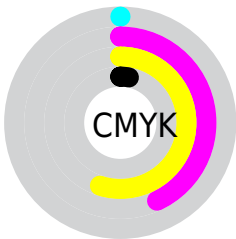
Distribution



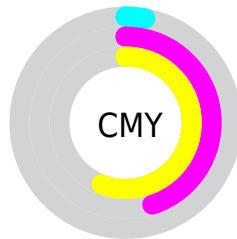
- Red (96%)
- Green (55%)
- Blue (44%)



- Red (96%)
- Yellow (57%)
- Blue (44%)



- Cyan (0%)
- Magenta (43%)
- Yellow (55%)
- Black (3%)



- Cyan (3%)
- Magenta (45%)
- Yellow (56%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 50.145, 40.784 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, 50.145, 40.784 by changing the saturation by 10% instead.

 69, 50.145, 40.784

 69, 50.145, 40.784

 100, 50.145,
40.784

 59, 50.145, 40.784

 89, 50.145, 40.784

 49, 50.145, 40.784

 99, 50.145, 40.784

 39, 50.145, 40.784

 29, 50.145, 40.784

 19, 50.145, 40.784

 9, 50.145, 40.784

 0, 50.145, 40.784

 69, 50.145, 40.784

 69, 50.145, 40.784

 65, 61.464, 41.499

 74, 39.402, 40.306

61, 73.051, 42.385

79, 29.368, 40.039

58, 84.187, 43.222

84, 20.073, 39.952

55, 93.320, 43.433

89, 11.498, 39.997

54, 96.932, 43.298

94, 3.594, 40.057

99, 3.009, 199.435

Harmonies

Complementary

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



69, 50.145, 40.784



82, 32.777, 224.839

Rectangle

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



69, 50.145, 40.784



69, 50.145, 90.784



69, 50.145, 220.784



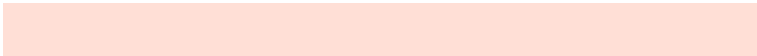
69, 50.145, 270.784

Sweetspot

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



69, 50.143, 40.788



91, 12.821, 39.987



67, 71.530, 334.253



47, 8.731, 39.971



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, 50.143, 40.788



66, 64.630, 41.605



84, 51.883, 86.442



48, 4.288, 40.049



41, 78.101, 43.724



10, 27.366, 36.287

Inverse Universe

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



82, 32.777, 224.839



82, 37.871, 227.013



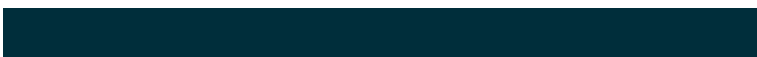
64, 53.159, 284.086



50, 4.042, 220.749



57, 34.826, 237.219



17, 15.311, 231.227

Previews

White Background



This preview shows how the CIELCh color 69, 50.145, 40.784 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, 50.145, 40.784 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, 50.145, 40.784

Background



This preview shows how black text looks on a background with the CIELCh color 69, 50.145, 40.784.

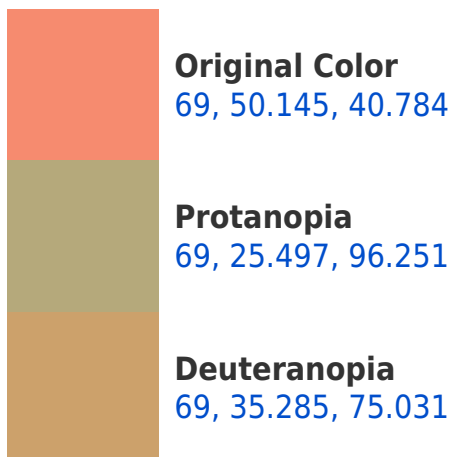


This preview shows how white text looks on a background with the CIELCh color 69, 50.145, 40.784.

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](#).

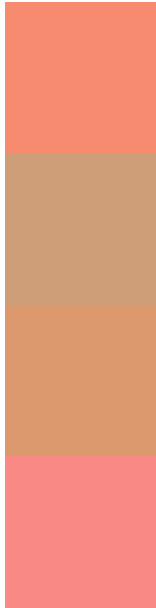
Dichromacy





Tritanopia
69, 46.556, 18.577

Trichromacy



Original Color
69, 50.145, 40.784

Protanomaly
69, 29.787, 65.401

Deuteranomaly
69, 38.421, 59.016

Tritanomaly
69, 46.816, 27.391

Monochromacy



Original Color
69, 50.145, 40.784

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, 50.145, 40.784 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, 139, 111)` looks like.

```
.text, #text, p{  
    color:rgb(246, 139, 111)  
}
```

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, 139, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 139, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 50.145, 40.784 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, 139, 111) }
```

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

```
.border{ border-color:rgb(246, 139, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 139, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 139, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 139, 111);  
box-shadow:4px 4px 4px 4px rgb(246, 139,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 50.145, 40.784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 139, 111) }
```

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

```
.background{ background-color: rgb(246,  
139, 111) }
```

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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