

Converting Colors

CIELCh(70, 46.583, 35.695)

Have a look what the booklet for
CIELCh(70, 46.583, 35.695) contains.

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Color

CIELCh(70, 46.514, 35.415)

Conversions

Conversions Part 1

Format	Color
Hex	F78E7C
RGB	247, 142, 124
RGB Percent	97%, 56%, 49%
CMY	0.0299, 0.4418, 0.5125
CMYK	0.00, 0.42, 0.50, 0.03
HSL	9°, 89%, 73%
HSV	9°, 50%, 97%
XYZ	51.8699, 40.7494, 24.3042
YIQ	171.3430, 68.3580, 16.6620

Conversions

Conversions Part 2

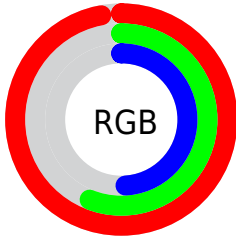
Format	Color
RYB	247, 145, 124
Decimal	16223868
CIELab	70.00, 37.91, 26.95
CIElCh	70, 46.514, 35.415
Yxy	40.7494, 0.4436, 0.3485
Android (android.graphics.Color)	4294413948 (0xFFFF78E7C)
YUV	171.3430, -23.3401, 66.3512
Hunter-Lab	63.8353, 33.3300, 22.1111

Details

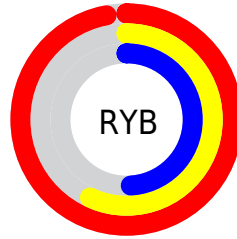
The CIELCh color **70, 46.514, 35.415** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **86, 31.515, 215.190**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **84, 25.435, 45.042**, and **50, 46.501, 35.554** is the 20% darker color. If you saturate the color by 10%, you get **65, 57.931, 36.552**, and if you desaturate by 10%, it is **75, 35.712, 34.594**.

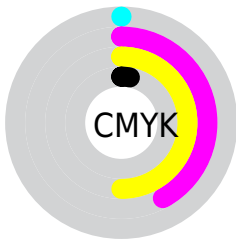
Distribution



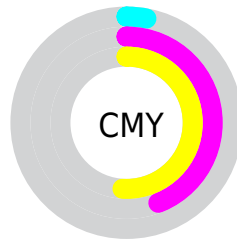
- Red (97%)
- Green (56%)
- Blue (49%)



- Red (97%)
- Yellow (57%)
- Blue (49%)



- Cyan (0%)
- Magenta (42%)
- Yellow (50%)
- Black (3%)



- Cyan (3%)
- Magenta (44%)
- Yellow (51%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 46.514, 35.415 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, 46.514, 35.415 by changing the saturation by 10% instead.

 70, 46.514, 35.415

 70, 46.514, 35.415

 100, 46.514,
35.415

 60, 46.514, 35.415

 90, 46.514, 35.415

 50, 46.514, 35.415

 40, 46.514, 35.415

 30, 46.514, 35.415

 20, 46.514, 35.415

 10, 46.514, 35.415

 0, 46.514, 35.415

 70, 46.514, 35.415

 70, 46.514, 35.415

 65, 57.931, 36.552

 75, 35.712, 34.594

61, 69.730, 38.000

80, 25.637, 34.030

58, 81.408, 39.652

86, 16.314, 33.669

55, 91.853, 41.099

92, 7.721, 33.442

53, 99.277, 41.719

98, 0.194, 216.807

53, 99.444, 41.743

99, 2.641, 199.489

Harmonies

Complementary

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



70, 46.514, 35.415



86, 31.515, 215.190

Rectangle

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



70, 46.514, 35.415



70, 46.514, 85.415



70, 46.514, 215.415



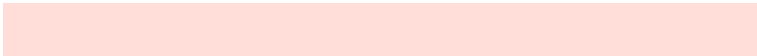
70, 46.514, 265.415

Sweetspot

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



70, 46.512, 35.419



91, 12.451, 33.551



70, 69.018, 331.349



47, 8.570, 33.600



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, 46.512, 35.419



67, 59.697, 36.597



84, 45.164, 81.634



49, 4.535, 33.436



41, 80.779, 42.048



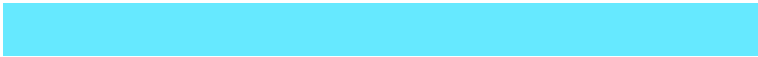
11, 29.514, 33.647

Inverse Universe

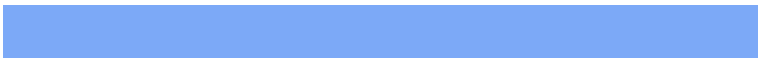
The Inverse Universe completely reimagines the original color for something new.



86, 31.515, 215.190



86, 36.578, 216.250



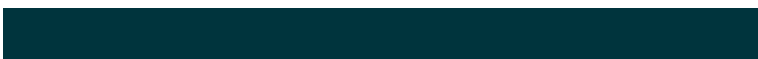
69, 43.892, 277.746



51, 4.264, 213.586



61, 34.780, 223.941



19, 15.832, 220.004

Previews

White Background



This preview shows how the CIELCh color 70, 46.514, 35.415 looks on a white background.

Color Contrast Check

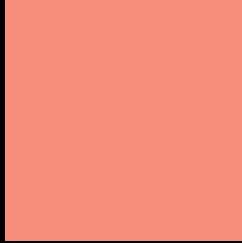
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 70, 46.514, 35.415 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, 46.514, 35.415

Background



This preview shows how black text looks on a background with the CIELCh color 70, 46.514, 35.415.

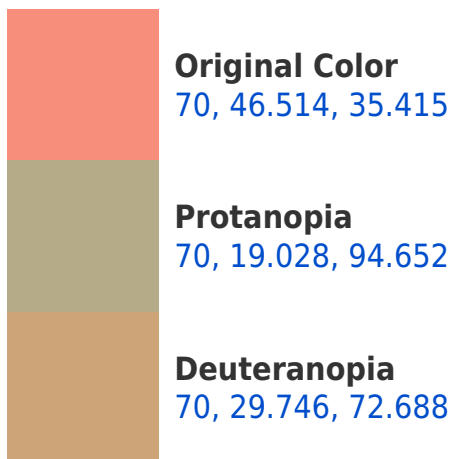


This preview shows how white text looks on a background with the CIELCh color 70, 46.514, 35.415.

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, 44.677, 17.354

Trichromacy



Original Color
70, 46.514, 35.415

Protanomaly
70, 24.941, 59.443

Deuteranomaly
70, 33.746, 53.997

Tritanomaly
70, 44.685, 23.973

Monochromacy



Original Color
70, 46.514, 35.415

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 15.561, 32.751

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 46.514, 35.415 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(247, 142, 124)` looks like.

```
.text, #text, p{  
    color:rgb(247, 142, 124)  
}
```

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(247, 142, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 142, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 46.514, 35.415 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(247, 142, 124) }
```

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

```
.border{ border-color:rgb(247, 142, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 142, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 142, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 142, 124);  
box-shadow:4px 4px 4px 4px rgb(247, 142,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 46.514, 35.415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 142, 124) }
```

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

```
.background{ background-color: rgb(247,  
142, 124) }
```

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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