

Converting Colors

CIELCh(70, 43.492, 32.700)

Have a look what the booklet for
CIELCh(70, 43.492, 32.700) contains.

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Color

CIELCh(70, 43.407, 33.234)

Conversions

Conversions Part 1

Format	Color
Hex	F49082
RGB	244, 144, 130
RGB Percent	96%, 56%, 51%
CMY	0.0435, 0.4356, 0.4905
CMYK	0.00, 0.41, 0.47, 0.04
HSL	7°, 84%, 73%
HSV	7°, 47%, 96%
XYZ	51.2628, 40.7494, 26.2563
YIQ	172.3040, 64.0940, 16.8460

Conversions

Conversions Part 2

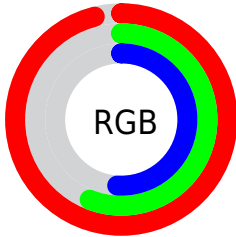
Format	Color
R _Y B	244, 146, 130
Decimal	16027778
CIE Lab	70.00, 36.31, 23.79
CIE LCh	70, 43.407, 33.234
Yxy	40.7494, 0.4334, 0.3446
Android (android.graphics.Color)	4294217858 (0xFFFF49082)
YUV	172.3040, -20.8559, 62.8774
Hunter-Lab	63.8353, 31.6323, 20.2979

Details

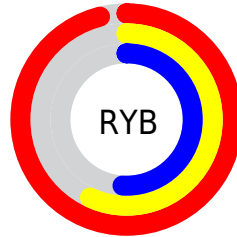
The CIELCh color **70, 43.407, 33.234** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **86, 30.242, 211.758**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **85, 23.629, 41.482**, and **50, 43.104, 33.091** is the 20% darker color. If you saturate the color by 10%, you get **65, 54.650, 34.469**, and if you desaturate by 10%, it is **75, 32.787, 32.334**.

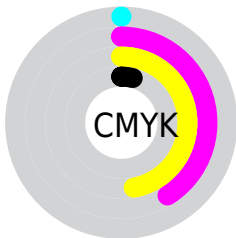
Distribution



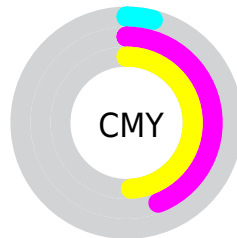
- Red (96%)
- Green (56%)
- Blue (51%)



- Red (96%)
- Yellow (57%)
- Blue (51%)



- Cyan (0%)
- Magenta (41%)
- Yellow (47%)
- Black (4%)



- Cyan (4%)
- Magenta (44%)
- Yellow (49%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 43.407, 33.234 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, 43.407, 33.234 by changing the saturation by 10% instead.

 70, 43.407, 33.234

 70, 43.407, 33.234

 100, 43.407,
33.234

 60, 43.407, 33.234

 90, 43.407, 33.234

 50, 43.407, 33.234

 40, 43.407, 33.234

 30, 43.407, 33.234

 20, 43.407, 33.234

 10, 43.407, 33.234

 0, 43.407, 33.234

 70, 43.407, 33.234

 70, 43.407, 33.234

 65, 54.650, 34.469

 75, 32.787, 32.334

61, 66.318, 36.061

81, 22.892, 31.696

57, 77.998, 37.956

86, 13.738, 31.260

54, 88.828, 39.856

92, 5.301, 30.932

52, 96.973, 40.988

98, 2.471, 211.182

52, 99.042, 41.305

99, 3.830, 199.335

Harmonies

Complementary

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



70, 43.407, 33.234



86, 30.242, 211.758

Rectangle

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



70, 43.407, 33.234



70, 43.407, 83.234



70, 43.407, 213.234



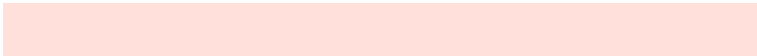
70, 43.407, 263.234

Sweetspot

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



70, 43.405, 33.238



91, 11.782, 31.168



70, 65.246, 330.578



48, 8.208, 31.241



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, 43.405, 33.238



68, 55.810, 34.385



83, 41.404, 80.610



48, 4.540, 31.024



40, 80.532, 41.574



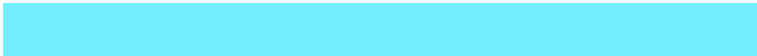
10, 28.638, 31.574

Inverse Universe

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



86, 30.242, 211.758



88, 35.566, 212.402



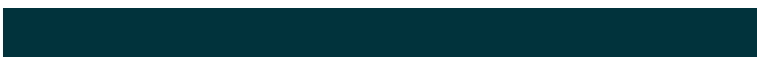
70, 39.779, 275.551



50, 4.268, 210.969



62, 34.726, 218.894



19, 15.590, 215.540

Previews

White Background



This preview shows how the CIELCh color 70, 43.407, 33.234 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, 43.407, 33.234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

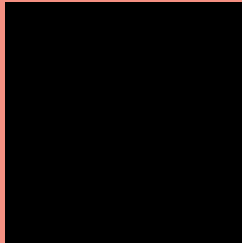
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 43.407, 33.234

Background



This preview shows how black text looks on a background with the CIELCh color 70, 43.407, 33.234.

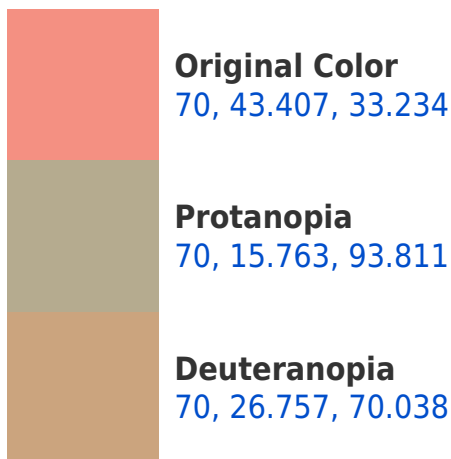


This preview shows how white text looks on a background with the CIELCh color 70, 43.407, 33.234.

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, 42.572, 16.731

Trichromacy



Original Color
70, 43.407, 33.234

Protanomaly
70, 22.031, 54.976

Deuteranomaly
70, 31.171, 52.364

Tritanomaly
70, 42.392, 22.995

Monochromacy



Original Color
70, 43.407, 33.234

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 14.590, 31.319

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 43.407, 33.234 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(244, 144, 130)` looks like.

```
.text, #text, p{  
    color:rgb(244, 144, 130)  
}
```

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(244, 144, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 144, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 43.407, 33.234 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(244, 144, 130) }
```

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

```
.border{ border-color:rgb(244, 144, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 144, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 144, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 144, 130);  
box-shadow:4px 4px 4px 4px rgb(244, 144,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 43.407, 33.234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 144, 130) }
```

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

```
.background{ background-color: rgb(244,  
144, 130) }
```

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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