

Converting Colors

CIELCh(70, 43.894, 30.400)

Have a look what the booklet for
CIELCh(70, 43.894, 30.400) contains.

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Color

CIELCh(70, 43.946, 30.508)

Conversions

Conversions Part 1

Format	Color
Hex	F68F85
RGB	246, 143, 133
RGB Percent	96%, 56%, 52%
CMY	0.0368, 0.4405, 0.4797
CMYK	0.00, 0.42, 0.46, 0.04
HSL	5°, 86%, 74%
HSV	5°, 46%, 96%
XYZ	51.8525, 40.7494, 27.2040
YIQ	172.6570, 64.5980, 18.7260

Conversions

Conversions Part 2

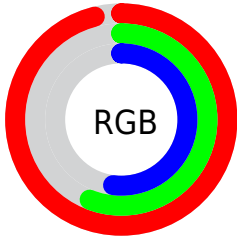
Format	Color
R _Y B	246, 144, 133
Decimal	16158597
CIE Lab	70.00, 37.86, 22.31
CIE LCh	70, 43.946, 30.508
Yxy	40.7494, 0.4328, 0.3401
Android (android.graphics.Color)	4294348677 (0xFFFF68F85)
YUV	172.6570, -19.5509, 64.3218
Hunter-Lab	63.8353, 33.2813, 19.4177

Details

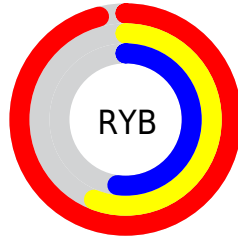
The CIELCh color **70, 43.946, 30.508** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **88, 30.887, 207.319**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **85, 23.189, 36.575**, and **50, 43.830, 31.013** is the 20% darker color. If you saturate the color by 10%, you get **65, 55.391, 31.998**, and if you desaturate by 10%, it is **75, 33.088, 29.397**.

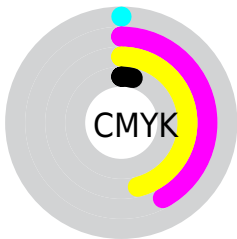
Distribution



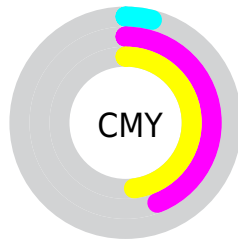
- Red (96%)
- Green (56%)
- Blue (52%)



- Red (96%)
- Yellow (56%)
- Blue (52%)



- Cyan (0%)
- Magenta (42%)
- Yellow (46%)
- Black (4%)



- Cyan (4%)
- Magenta (44%)
- Yellow (48%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 43.946, 30.508 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, 43.946, 30.508 by changing the saturation by 10% instead.

 70, 43.946, 30.508

 70, 43.946, 30.508

 100, 43.946,
30.508

 60, 43.946, 30.508

 90, 43.946, 30.508

 50, 43.946, 30.508

 40, 43.946, 30.508

 30, 43.946, 30.508

 20, 43.946, 30.508

 10, 43.946, 30.508

 0, 43.946, 30.508

 70, 43.946, 30.508

 70, 43.946, 30.508

 65, 55.391, 31.998

 75, 33.088, 29.397

61, 67.198, 33.905

81, 22.940, 28.579

57, 78.950, 36.197

87, 13.537, 27.983

54, 89.817, 38.585

93, 4.861, 27.499

52, 97.996, 40.256

99, 3.114, 203.111

52, 100.380,
40.779

99, 3.247, 199.403

Harmonies

Complementary

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



70, 43.946, 30.508



88, 30.887, 207.319

Rectangle

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



70, 43.946, 30.508



70, 43.946, 80.508



70, 43.946, 210.508



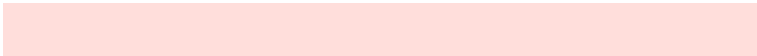
70, 43.946, 260.508

Sweetspot

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



70, 43.944, 30.512



91, 12.124, 27.886



71, 66.122, 329.418



47, 8.446, 27.994



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, 43.944, 30.512



68, 55.939, 31.851



83, 40.150, 77.686



48, 4.672, 27.672



39, 81.250, 40.994



9, 29.231, 29.721

Inverse Universe

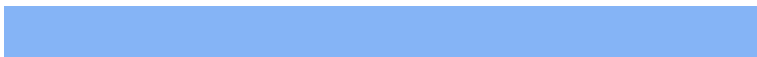
The Inverse Universe completely reimagines the original color for something new.



88, 30.887, 207.319



89, 36.121, 207.643



72, 37.638, 272.408



50, 4.392, 207.333



63, 35.565, 211.909



20, 15.985, 209.642

Previews

White Background



This preview shows how the CIELCh color 70, 43.946, 30.508 looks on a white background.

Color Contrast Check

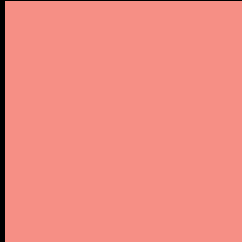
Large Text (above 18pt) WCAG AA × Fail

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 70, 43.946, 30.508 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, 43.946, 30.508

Background



This preview shows how black text looks on a background with the CIELCh color 70, 43.946, 30.508.

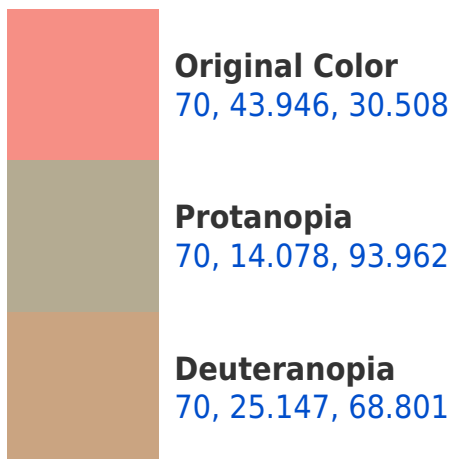


This preview shows how white text looks on a background with the CIELCh color 70, 43.946, 30.508.

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, 43.423, 16.990

Trichromacy



Original Color
70, 43.946, 30.508



Protanomaly
70, 21.011, 51.649



Deuteranomaly
70, 30.266, 48.874



Tritanomaly
70, 43.066, 21.723

Monochromacy



Original Color
70, 43.946, 30.508



Achromatopsia
70, 0.009, 296.813



Achromatomaly
70, 15.179, 26.865

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 43.946, 30.508 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, 143, 133)` looks like.

```
.text, #text, p{  
    color:rgb(246, 143, 133)  
}
```

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, 143, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 143, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 43.946, 30.508 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, 143, 133) }
```

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

```
.border{ border-color:rgb(246, 143, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 143, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 143, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 143, 133);  
box-shadow:4px 4px 4px 4px rgb(246, 143,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 43.946, 30.508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 143, 133) }
```

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

```
.background{ background-color: rgb(246,  
143, 133) }
```

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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