

Converting Colors

CIELCh(70, 46.131, 44.905)

Have a look what the booklet for
CIELCh(70, 46.131, 44.905) contains.

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Color

CIELCh(70, 46.088, 45.085)

Conversions

Conversions Part 1

Format	Color
Hex	F29372
RGB	242, 147, 114
RGB Percent	95%, 58%, 45%
CMY	0.0527, 0.4250, 0.5544
CMYK	0.00, 0.39, 0.53, 0.05
HSL	15°, 83%, 70%
HSV	15°, 53%, 95%
XYZ	49.8526, 40.7494, 21.0463
YIQ	171.6430, 67.2130, 9.8770

Conversions

Conversions Part 2

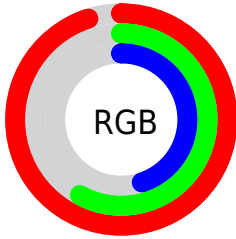
Format	Color
R _Y B	242, 158, 114
Decimal	15897458
CIE Lab	70.00, 32.54, 32.64
CIE LCh	70, 46.088, 45.085
Yxy	40.7494, 0.4465, 0.3650
Android (android.graphics.Color)	4294087538 (0xFFFF29372)
YUV	171.6430, -28.4180, 61.7031
Hunter-Lab	63.8353, 27.6892, 25.1369

Details

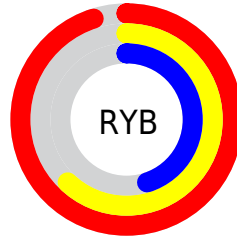
The CIELCh color **70, 46.088, 45.085** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **79, 31.398, 232.300**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **85, 28.784, 60.867**, and **50, 46.184, 45.193** is the 20% darker color. If you saturate the color by 10%, you get **66, 56.851, 45.304**, and if you desaturate by 10%, it is **74, 35.927, 45.040**.

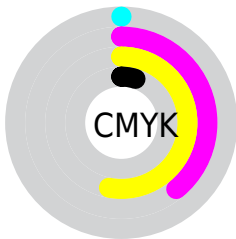
Distribution



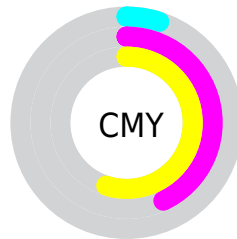
- Red (95%)
- Green (58%)
- Blue (45%)



- Red (95%)
- Yellow (62%)
- Blue (45%)



- Cyan (0%)
- Magenta (39%)
- Yellow (53%)
- Black (5%)



- Cyan (5%)
- Magenta (43%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 46.088, 45.085 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, 46.088, 45.085 by changing the saturation by 10% instead.

 70, 46.088, 45.085

 70, 46.088, 45.085

 100, 46.088,
45.085

 60, 46.088, 45.085

 90, 46.088, 45.085

 50, 46.088, 45.085

 40, 46.088, 45.085

 30, 46.088, 45.085

 20, 46.088, 45.085

 10, 46.088, 45.085

 0, 46.088, 45.085

 70, 46.088, 45.085

 70, 46.088, 45.085

 66, 56.851, 45.304

 74, 35.927, 45.040

62, 67.974, 45.638

79, 26.460, 45.149

59, 78.869, 45.911

84, 17.692, 45.391

56, 88.256, 45.668

89, 9.591, 45.723

54, 93.316, 45.068

94, 2.103, 45.943

99, 4.364, 204.827

99, 4.635, 199.254

Harmonies

Complementary

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



70, 46.088, 45.085



79, 31.398, 232.300

Rectangle

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



70, 46.088, 45.085



70, 46.088, 95.085



70, 46.088, 225.085



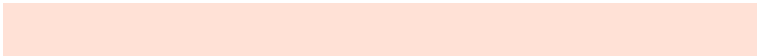
70, 46.088, 275.085

Sweetspot

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



70, 46.086, 45.089



92, 12.528, 45.614



66, 66.140, 336.224



48, 8.529, 45.544



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, 46.086, 45.089



69, 60.641, 45.341



85, 51.181, 90.523



48, 4.121, 45.846



42, 75.489, 45.575



10, 25.385, 38.921

Inverse Universe

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



79, 31.398, 232.300



80, 37.367, 234.939



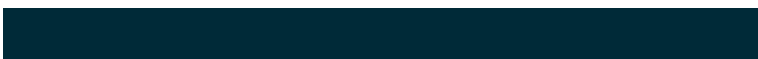
62, 53.987, 286.759



49, 3.899, 226.998



53, 36.067, 247.837



15, 15.196, 240.318

Previews

White Background



This preview shows how the CIELCh color 70, 46.088, 45.085 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, 46.088, 45.085 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, 46.088, 45.085

Background



This preview shows how black text looks on a background with the CIELCh color 70, 46.088, 45.085.



This preview shows how white text looks on a background with the CIELCh color 70, 46.088, 45.085.

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



Original Color

70, 46.088, 45.085

Protanopia

70, 26.154, 94.642

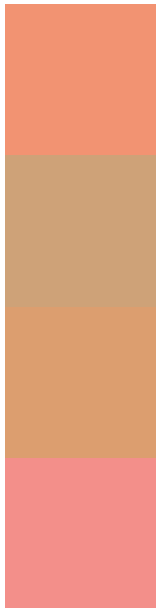
Deuteranopia

70, 35.152, 75.121



Tritanopia
70, 41.733, 15.762

Trichromacy



Original Color
70, 46.088, 45.085

Protanomaly
70, 30.027, 69.032

Deuteranomaly
70, 37.972, 62.254

Tritanomaly
70, 41.859, 27.144

Monochromacy



Original Color
70, 46.088, 45.085

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 15.634, 45.095

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 46.088, 45.085 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(242, 147, 114)` looks like.

```
.text, #text, p{  
    color:rgb(242, 147, 114)  
}
```

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(242, 147, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 147, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 46.088, 45.085 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(242, 147, 114) }
```

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

```
.border{ border-color:rgb(242, 147, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 147, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 147, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 147, 114);  
box-shadow:4px 4px 4px 4px rgb(242, 147,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 46.088, 45.085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 147, 114) }
```

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

```
.background{ background-color: rgb(242,  
147, 114) }
```

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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