

Converting Colors

CIELCh(66, 48.478, 29.536)

Have a look what the booklet for
CIELCh(66, 48.478, 29.536) contains.

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Color

CIELCh(66, 48.354, 29.518)

Conversions

Conversions Part 1

Format	Color
Hex	F08078
RGB	240, 128, 120
RGB Percent	94%, 50%, 47%
CMY	0.0588, 0.4980, 0.5294
CMYK	0.00, 0.47, 0.50, 0.06
HSL	4°, 80%, 71%
HSV	4°, 50%, 94%
XYZ	47.0493, 35.3238, 22.1105
YIQ	160.5760, 69.3200, 21.2560

Conversions

Conversions Part 2

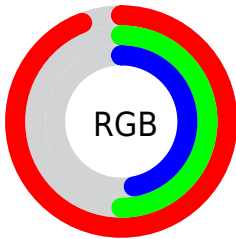
Format	Color
R _Y B	240, 129, 120
Decimal	15761528
CIE Lab	66.00, 42.08, 23.82
CIE LCh	66, 48.354, 29.518
Yxy	35.3238, 0.4503, 0.3381
Android (android.graphics.Color)	4293951608 (0xFFFF08078)
YUV	160.5760, -20.0040, 69.6548
Hunter-Lab	59.4338, 37.2959, 19.5467

Details

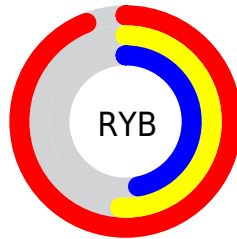
The CIELCh color **66, 48.354, 29.518** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **86, 32.887, 204.730**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 29.398, 32.906**, and **46, 48.414, 30.009** is the 20% darker color. If you saturate the color by 10%, you get **61, 59.842, 31.358**, and if you desaturate by 10%, it is **71, 37.317, 28.116**.

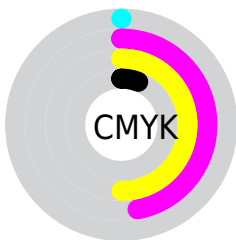
Distribution



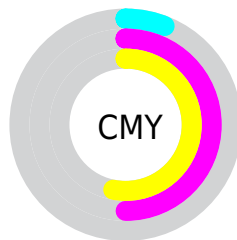
- Red (94%)
- Green (50%)
- Blue (47%)



- Red (94%)
- Yellow (51%)
- Blue (47%)



- Cyan (0%)
- Magenta (47%)
- Yellow (50%)
- Black (6%)



- Cyan (6%)
- Magenta (50%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 48.354, 29.518 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 66, 48.354, 29.518 by changing the saturation by 10% instead.

66, 48.354, 29.518

66, 48.354, 29.518

100, 48.354,
29.518

56, 48.354, 29.518

86, 48.354, 29.518

46, 48.354, 29.518

96, 48.354, 29.518

36, 48.354, 29.518

26, 48.354, 29.518

16, 48.354, 29.518

6, 48.354, 29.518

0, 48.354, 29.518

66, 48.354, 29.518

66, 48.354, 29.518

61, 59.842, 31.358

71, 37.317, 28.116

■ 57, 71.481, 33.662

■ 77, 26.915, 27.062

■ 54, 82.735, 36.324

■ 83, 17.227, 26.279

■ 52, 92.499, 38.862

■ 89, 8.265, 25.679

■ 51, 99.016, 40.540

■ 95, 0.011, 287.712

■ 51, 99.018, 40.540

■ 99, 5.160, 199.207

Harmonies

Complementary

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



66, 48.354, 29.518



86, 32.887, 204.730

Rectangle

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



66, 48.354, 29.518



66, 48.354, 79.518



66, 48.354, 209.518



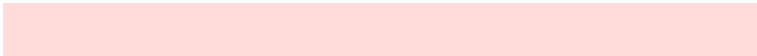
66, 48.354, 259.518

Sweetspot

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



66, 48.351, 29.521



90, 13.298, 25.966



68, 70.759, 329.090



47, 9.152, 26.095



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



66, 48.351, 29.521



65, 62.891, 31.399



80, 42.725, 75.564



47, 4.682, 25.650



39, 80.772, 40.716



8, 28.418, 27.464

Inverse Universe

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



86, 32.887, 204.730



89, 38.908, 204.981



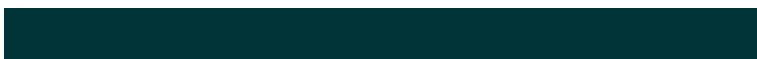
69, 39.289, 271.921



49, 4.403, 205.144



64, 35.955, 207.730



19, 15.856, 206.022

Previews

White Background



This preview shows how the CIELCh color 66, 48.354, 29.518 looks on a white background.

Color Contrast Check

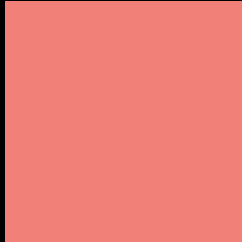
Large Text (above 18pt) WCAG AA × Fail

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 66, 48.354, 29.518 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 66, 48.354, 29.518

Background



This preview shows how black text looks on a background with the CIELCh color 66, 48.354, 29.518.

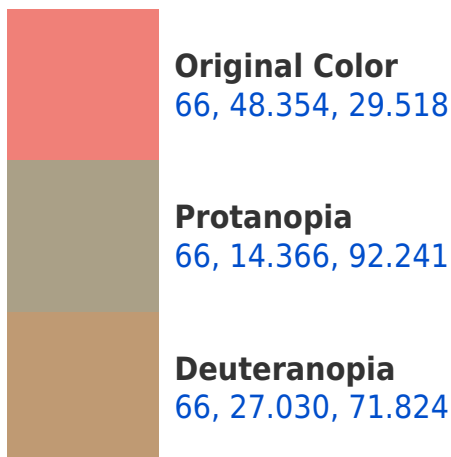


This preview shows how white text looks on a background with the CIELCh color 66, 48.354, 29.518.

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](#).

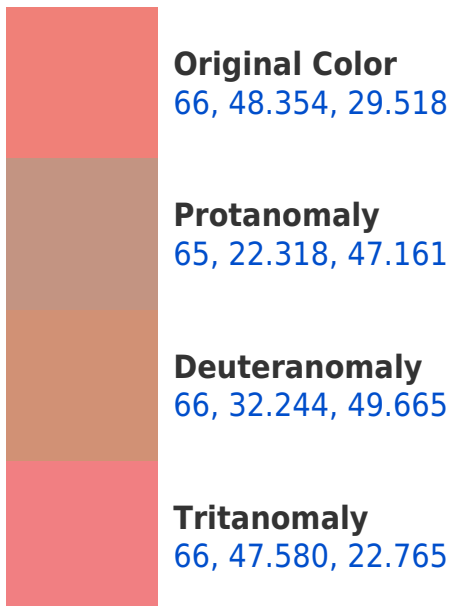
Dichromacy



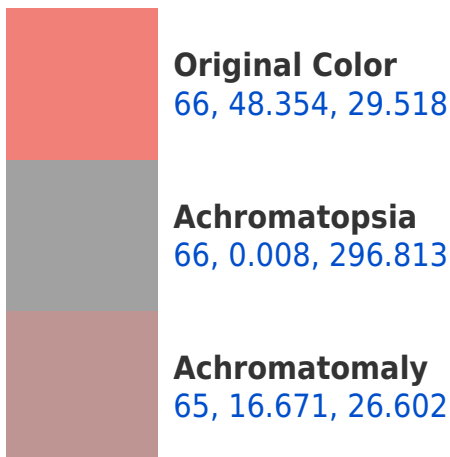


Tritanopia
66, 47.457, 19.015

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 48.354, 29.518 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(240, 128, 120)` looks like.

```
.text, #text, p{  
    color:rgb(240, 128, 120)  
}
```

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(240, 128, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 128, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 48.354, 29.518 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(240, 128, 120) }
```

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

```
.border{ border-color:rgb(240, 128, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 128, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(240, 128, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(240, 128, 120); box-shadow:4px 4px 4px 4px rgb(240, 128, 120) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 48.354, 29.518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 128, 120) }
```

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

```
.background{ background-color: rgb(240,  
128, 120) }
```

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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