

Converting Colors

CIELCh(72, 35.686, 31.210)

Have a look what the booklet for
CIELCh(72, 35.686, 31.210) contains.

CIELCh(72, 35.800, 31.120)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(72, 35.800, 31.120)

Conversions

Conversions Part 1

Format	Color
Hex	EF9A90
RGB	239, 154, 144
RGB Percent	94%, 60%, 56%
CMY	0.0613, 0.3948, 0.4340
CMYK	0.00, 0.36, 0.40, 0.06
HSL	6°, 75%, 75%
HSV	6°, 40%, 94%
XYZ	52.3899, 43.6590, 32.1806
YIQ	178.2750, 53.8700, 14.9100

Conversions

Conversions Part 2

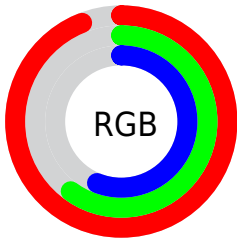
Format	Color
R _Y B	239, 155, 144
Decimal	15702672
CIE Lab	72.00, 30.65, 18.50
CIE LCh	72, 35.800, 31.120
Yxy	43.6590, 0.4086, 0.3405
Android (android.graphics.Color)	4293892752 (0xFFEF9A90)
YUV	178.2750, -16.8976, 53.2558
Hunter-Lab	66.0750, 25.8988, 17.3764

Details

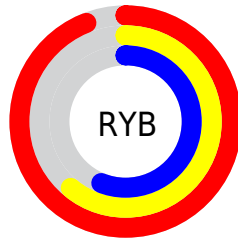
The CIELCh color **72, 35.800, 31.120** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **86, 26.592, 209.232**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 18.552, 38.434**, and **52, 35.460, 30.965** is the 20% darker color. If you saturate the color by 10%, you get **67, 46.556, 32.244**, and if you desaturate by 10%, it is **77, 25.717, 30.309**.

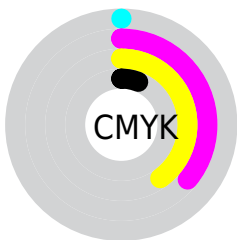
Distribution



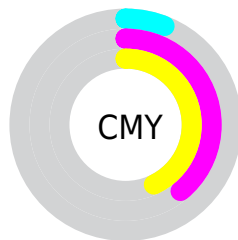
- Red (94%)
- Green (60%)
- Blue (56%)



- Red (94%)
- Yellow (61%)
- Blue (56%)



- Cyan (0%)
- Magenta (36%)
- Yellow (40%)
- Black (6%)



- Cyan (6%)
- Magenta (39%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 35.800, 31.120 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 72, 35.800, 31.120 by changing the saturation by 10% instead.

72, 35.800, 31.120

72, 35.800, 31.120

100, 35.800,
31.120

62, 35.800, 31.120

92, 35.800, 31.120

52, 35.800, 31.120

42, 35.800, 31.120

32, 35.800, 31.120

22, 35.800, 31.120

12, 35.800, 31.120

2, 35.800, 31.120

0, 35.800, 31.120

72, 35.800, 31.120

72, 35.800, 31.120

67, 46.556, 32.244

77, 25.717, 30.309

62, 57.858, 33.731

83, 16.364, 29.728

58, 69.441, 35.608

89, 7.730, 29.305

55, 80.801, 37.771

95, 0.225, 211.975

52, 90.863, 39.790

99, 5.377, 199.188

51, 97.871, 40.990

51, 98.052, 41.034

Harmonies

Complementary

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



72, 35.800, 31.120



86, 26.592, 209.232

Rectangle

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



72, 35.800, 31.120



72, 35.800, 81.120



72, 35.800, 211.120



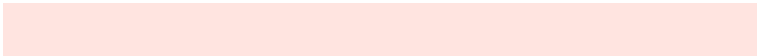
72, 35.800, 261.120

Sweetspot

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



72, 35.798, 31.125



93, 10.158, 29.396



72, 55.841, 329.602



48, 6.775, 29.448



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 35.798, 31.125



72, 47.057, 32.049



83, 33.993, 80.117



47, 4.526, 29.296



39, 80.074, 41.274



9, 27.694, 29.637

Inverse Universe

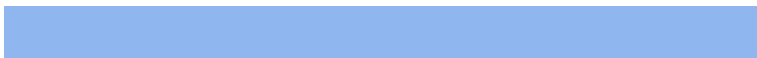
The Inverse Universe completely reimagines the original color for something new.



86, 26.592, 209.232



90, 32.393, 209.539



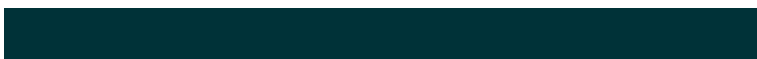
73, 32.480, 272.342



49, 4.255, 209.096



62, 34.739, 215.269



18, 15.338, 212.339

Previews

White Background



This preview shows how the CIELCh color 72, 35.800, 31.120 looks on a white background.

Color Contrast Check

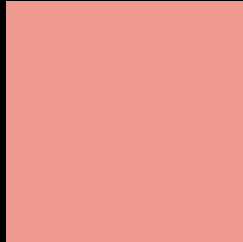
Large Text (above 18pt) WCAG AA × Fail

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 72, 35.800, 31.120 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 72, 35.800, 31.120

Background



This preview shows how black text looks on a background with the CIELCh color 72, 35.800, 31.120.



This preview shows how white text looks on a background with the CIELCh color 72, 35.800, 31.120.

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

72, 35.800, 31.120

Protanopia

72, 11.913, 91.702

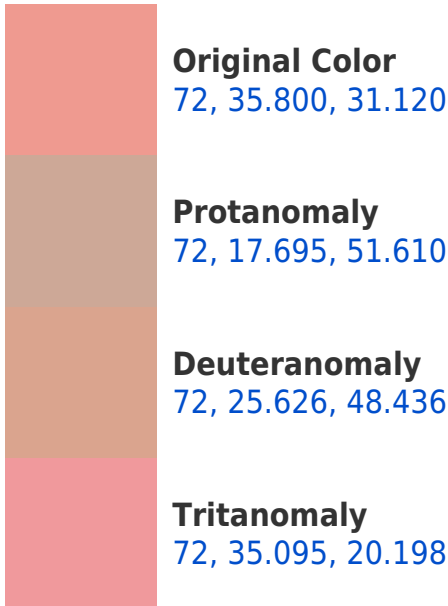
Deuteranopia

72, 21.804, 65.787

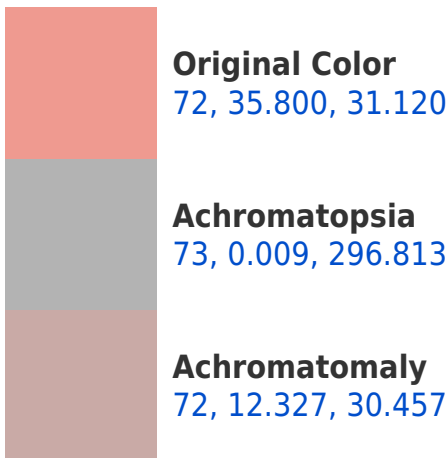


Tritanopia
72, 35.677, 13.533

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 35.800, 31.120 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(239, 154, 144)` looks like.

```
.text, #text, p{  
    color:rgb(239, 154, 144)  
}
```

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(239, 154, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 154, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 35.800, 31.120 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(239, 154, 144) }
```

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

```
.border{ border-color:rgb(239, 154, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 154, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 154, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 154, 144);  
box-shadow:4px 4px 4px 4px rgb(239, 154,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 35.800, 31.120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 154, 144) }
```

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

```
.background{ background-color: rgb(239,  
154, 144) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor