

Converting Colors

CIELCh(72, 33.428, 14.618)

Have a look what the booklet for
CIELCh(72, 33.428, 14.618) contains.

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Color

CIELCh(72, 33.227, 15.295)

Conversions

Conversions Part 1

Format	Color
Hex	ED9AA2
RGB	237, 154, 162
RGB Percent	93%, 60%, 64%
CMY	0.0711, 0.3965, 0.3652
CMYK	0.00, 0.35, 0.32, 0.07
HSL	354°, 70%, 77%
HSV	354°, 35%, 93%
XYZ	52.9293, 43.6590, 39.7655
YIQ	179.7290, 46.9000, 20.0840

Conversions

Conversions Part 2

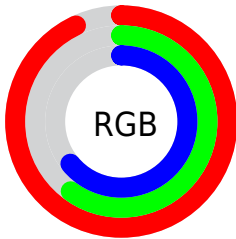
Format	Color
R _{YB}	237, 154, 162
Decimal	15571618
CIE Lab	72.00, 32.05, 8.76
CIE LCh	72, 33.227, 15.295
Yxy	43.6590, 0.3882, 0.3202
Android (android.graphics.Color)	4293761698 (0xFFED9AA2)
YUV	179.7290, -8.7404, 50.2267
Hunter-Lab	66.0750, 27.3560, 10.5703

Details

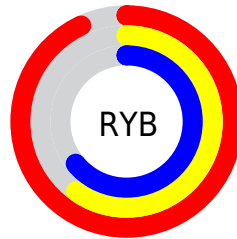
The CIELCh color **72, 33.227, 15.295** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **88, 27.217, 188.736**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 17.489, 7.032**, and **52, 33.069, 15.976** is the 20% darker color. If you saturate the color by 10%, you get **66, 43.775, 17.089**, and if you desaturate by 10%, it is **78, 23.055, 13.879**.

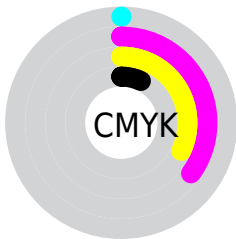
Distribution



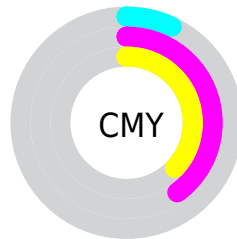
- Red (93%)
- Green (60%)
- Blue (64%)



- Red (93%)
- Yellow (60%)
- Blue (64%)



- Cyan (0%)
- Magenta (35%)
- Yellow (32%)
- Black (7%)



- Cyan (7%)
- Magenta (40%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 33.227, 15.295 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, 33.227, 15.295 by changing the saturation by 10% instead.

72, 33.227, 15.295

72, 33.227, 15.295

100, 33.227,
15.295

62, 33.227, 15.295

92, 33.227, 15.295

52, 33.227, 15.295

42, 33.227, 15.295

32, 33.227, 15.295

22, 33.227, 15.295

12, 33.227, 15.295

2, 33.227, 15.295

0, 33.227, 15.295

72, 33.227, 15.295

72, 33.227, 15.295

66, 43.775, 17.089

78, 23.055, 13.879

61, 54.466, 19.372

84, 13.408, 12.728

57, 64.960, 22.282

90, 4.343, 11.710

54, 74.888, 25.918

97, 4.137, 191.233

51, 83.907, 30.224

99, 6.221, 199.118

50, 91.586, 34.768

50, 94.759, 36.712

Harmonies

Complementary

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



72, 33.227, 15.295



88, 27.217, 188.736

Rectangle

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



72, 33.227, 15.295



72, 33.227, 65.295



72, 33.227, 195.295



72, 33.227, 245.295

Sweetspot

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



72, 33.224, 15.299



93, 10.279, 12.321



73, 51.260, 323.399



48, 6.938, 12.458



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, 33.224, 15.299



73, 43.063, 16.531



80, 27.204, 60.379



46, 4.935, 12.164



38, 76.789, 35.963



7, 28.165, 18.777

Inverse Universe

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



72, 33.224, 15.299



73, 43.063, 16.531



80, 23.107, 249.057



46, 4.935, 12.164



38, 76.789, 35.963



7, 28.165, 18.777

Previews

White Background



This preview shows how the CIELCh color 72, 33.227, 15.295 looks on a white background.

Color Contrast Check

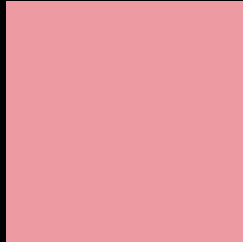
Large Text (above 18pt) WCAG AA × Fail

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, 33.227, 15.295 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

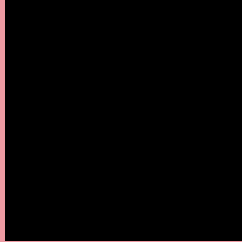
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 33.227, 15.295

Background



This preview shows how black text looks on a background with the CIELCh color 72, 33.227, 15.295.

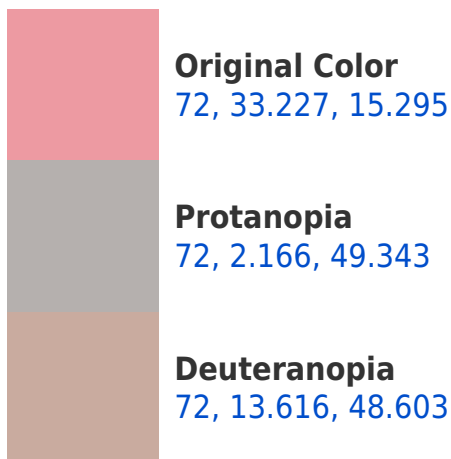


This preview shows how white text looks on a background with the CIELCh color 72, 33.227, 15.295.

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
72, 33.675, 11.809

Trichromacy



Original Color
72, 33.227, 15.295

Protanomaly
72, 12.831, 15.689

Deuteranomaly
72, 19.775, 28.876

Tritanomaly
72, 33.659, 12.718

Monochromacy



Original Color
72, 33.227, 15.295

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 11.608, 15.059

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 33.227, 15.295 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(237, 154, 162)` looks like.

```
.text, #text, p{  
    color:rgb(237, 154, 162)  
}
```

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(237, 154, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 154, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 33.227, 15.295 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(237, 154, 162) }
```

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

```
.border{ border-color:rgb(237, 154, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 154, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 154, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 154, 162);  
box-shadow:4px 4px 4px 4px rgb(237, 154,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 33.227, 15.295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 154, 162) }
```

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

```
.background{ background-color: rgb(237,  
154, 162) }
```

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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