

Converting Colors

CIELCh(72, 29.517, 3.350)

Have a look what the booklet for
CIELCh(72, 29.517, 3.350) contains.

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Color

CIELCh(72, 29.753, 3.426)

Conversions

Conversions Part 1

Format	Color
Hex	E59CAE
RGB	229, 156, 174
RGB Percent	90%, 61%, 68%
CMY	0.1007, 0.3870, 0.3164
CMYK	0.00, 0.32, 0.24, 0.10
HSL	345°, 59%, 76%
HSV	345°, 32%, 90%
XYZ	52.0272, 43.6590, 45.8855
YIQ	179.8790, 37.7300, 21.0740

Conversions

Conversions Part 2

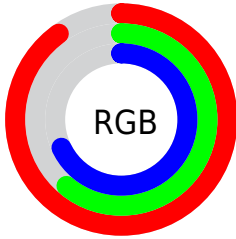
Format	Color
R _Y B	229, 156, 174
Decimal	15047854
CIE Lab	72.00, 29.70, 1.78
CIE LCh	72, 29.753, 3.426
Yxy	43.6590, 0.3675, 0.3084
Android (android.graphics.Color)	4293237934 (0xFFE59CAE)
YUV	179.8790, -2.8983, 43.0791
Hunter-Lab	66.0750, 24.9191, 5.0788

Details

The CIELCh color $72, 29.753, 3.426$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $86, 26.516, 176.663$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 18.480, 350.481$, and $52, 29.654, 3.204$ is the 20% darker color. If you saturate the color by 10%, you get $67, 39.616, 5.093$, and if you desaturate by 10%, it is $78, 20.028, 2.053$.

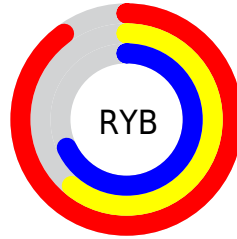
Distribution



Red (90%)

Green (61%)

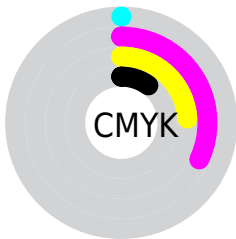
Blue (68%)



Red (90%)

Yellow (61%)

Blue (68%)

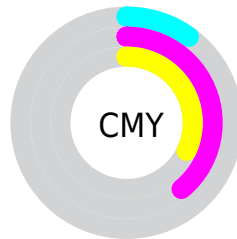


Cyan (0%)

Magenta (32%)

Yellow (24%)

Black (10%)



Cyan (10%)

Magenta (39%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 29.753, 3.426 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, 29.753, 3.426 by changing the saturation by 10% instead.

72, 29.753, 3.426

72, 29.753, 3.426

100, 29.753, 3.426

62, 29.753, 3.426

92, 29.753, 3.426

52, 29.753, 3.426

42, 29.753, 3.426

32, 29.753, 3.426

22, 29.753, 3.426

12, 29.753, 3.426

2, 29.753, 3.426

0, 29.753, 3.426

72, 29.753, 3.426

72, 29.753, 3.426

67, 39.616, 5.093

78, 20.028, 2.053

62, 49.353, 7.149

84, 10.619, 0.878

57, 58.586, 9.735

90, 1.615, 359.605

53, 66.897, 13.016

96, 6.952, 179.168

51, 73.961, 17.143

98, 8.744, 198.928

49, 79.725, 22.157

48, 83.829, 26.630

Harmonies

Complementary

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



72, 29.753, 3.426



86, 26.516, 176.663

Rectangle

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



72, 29.753, 3.426



72, 29.753, 53.426



72, 29.753, 183.426



72, 29.753, 233.426

Sweetspot

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



72, 29.750, 3.429



93, 9.734, 0.683



72, 43.909, 318.675



49, 6.663, 0.838



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, 29.750, 3.429



76, 39.056, 4.452



76, 24.469, 44.348



45, 5.069, 0.617



37, 68.988, 25.612



7, 26.641, 11.294

Inverse Universe

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



72, 29.750, 3.429



76, 39.056, 4.452



82, 19.794, 227.846



45, 5.069, 0.617



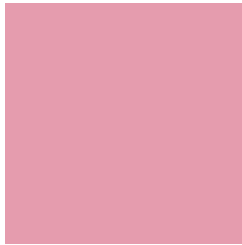
37, 68.988, 25.612



7, 26.641, 11.294

Previews

White Background



This preview shows how the CIELCh color 72, 29.753, 3.426 looks on a white background.

Color Contrast Check

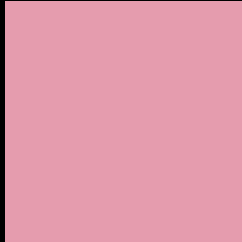
Large Text (above 18pt) WCAG AA × Fail

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 72, 29.753, 3.426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

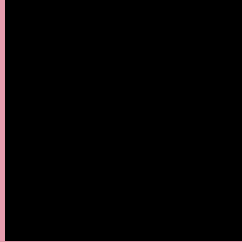
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 29.753, 3.426

Background



This preview shows how black text looks on a background with the CIELCh color 72, 29.753, 3.426.



This preview shows how white text looks on a background with the CIELCh color 72, 29.753, 3.426.

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, 28.845, 9.353

Trichromacy



Original Color
72, 29.753, 3.426

Protanomaly
72, 12.399, 345.819

Deuteranomaly
72, 16.651, 7.818

Tritanomaly
72, 28.973, 7.247

Monochromacy



Original Color
72, 29.753, 3.426

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 10.954, 0.136

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 29.753, 3.426 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(229, 156, 174)` looks like.

```
.text, #text, p{  
    color:rgb(229, 156, 174)  
}
```

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(229, 156, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 156, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 29.753, 3.426 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(229, 156, 174) }
```

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

```
.border{ border-color:rgb(229, 156, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 156, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 156, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 156, 174);  
box-shadow:4px 4px 4px 4px rgb(229, 156,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 29.753, 3.426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 156, 174) }
```

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

```
.background{ background-color: rgb(229,  
156, 174) }
```

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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