Converting Colors

CIELCh(71, 29.414, 3.148)

Have a look what the booklet for CIELCh(71, 29.414, 3.148) contains.

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Color

CIELCh(71, 29.445, 3.168)

Conversions

Conversions Part 1

Format	Color
Hex	E29AAC
RGB	226, 154, 172
RGB Percent	89%, 60%, 67%
CMY	0.1143, 0.3966, 0.3260
CMYK	0.00, 0.32, 0.24, 0.11
HSL	345°, 55%, 74%
HSV	345°, 32%, 89%
XYZ	50.2877, 42.1875, 44.4562
YIQ	177.5800, 37.1340, 20.8620

Conversions

Conversions Part 2

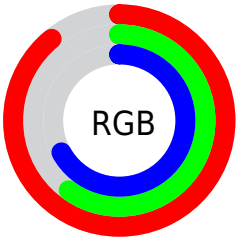
Format	Color
RYB	226, 154, 172
Decimal	14850732
CIELab	71.00, 29.40, 1.63
CIELCh	71, 29.445, 3.168
Yxy	42.1875, 0.3672, 0.3081
Android (android.graphics.Color)	4293040812 (0xFFE29AAC)
YUV	177.5800, -2.7509, 42.4643
Hunter-Lab	64.9519, 24.5342, 4.8854

Details

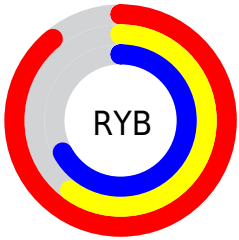
The CIELCh color 71, 29.445, 3.168 is a light color, and the websafe version is hex CC9999. A complement of this color would be 85, 26.277, 176.398, and the grayscale version is 72, 0.009, 296.813.

A 20% lighter version of the original color is 88, 19.147, 351.683, and 51, 29.344, 2.924 is the 20% darker color. If you saturate the color by 10%, you get 66, 39.186, 4.830, and if you desaturate by 10%, it is 77, 19.835, 1.797.

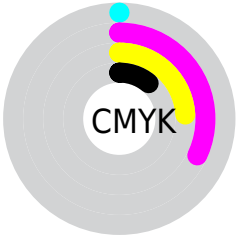
Distribution



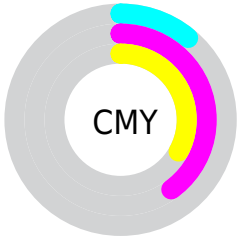
- Red (89%)
- Green (60%)
- Blue (67%)



- Red (89%)
- Yellow (60%)
- Blue (67%)



- Cyan (0%)
- Magenta (32%)
- Yellow (24%)
- Black (11%)



- Cyan (11%)
- Magenta (40%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 29.445, 3.168 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 71, 29.445, 3.168 by changing the saturation by 10% instead.

71, 29.445, 3.168

100, 29.445, 3.168

91, 29.445, 3.168

71, 29.445, 3.168

61, 29.445, 3.168

51, 29.445, 3.168

41, 29.445, 3.168

31, 29.445, 3.168

21, 29.445, 3.168

11, 29.445, 3.168

1, 29.445, 3.168

0, 29.445, 3.168

71, 29.445, 3.168

71, 29.445, 3.168

66, 39.186, 4.830

61, 48.794, 6.879

56, 57.896, 9.455

53, 66.078, 12.721

50, 73.016, 16.831

48, 78.659, 21.833

48, 82.659, 26.283

77, 19.835, 1.797

83, 10.532, 0.624

89, 1.625, 359.358

95, 6.854, 178.913

98, 9.890, 198.848

Harmonies

Complementary

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

71, 29.445, 3.168

85, 26.277, 176.398

Rectangle

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

71, 29.445, 3.168

71, 29.445, 53.168

71, 29.445, 183.168

71, 29.445, 233.168

Sweetspot

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

71, 29.442, 3.171

93, 9.749, 0.426

71, 43.412, 318.675

49, 6.673, 0.581

0, 0.000, 0.000

53, 0.007, 296.813

Same Dimension

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

71, 29.442, 3.171

76, 39.087, 4.191

75, 24.192, 44.348

44, 4.983, 0.358

37, 68.084, 25.252

6, 25.297, 10.235

Inverse Universe

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

71, 29.442, 3.171

76, 39.087, 4.191

80, 19.570, 227.846

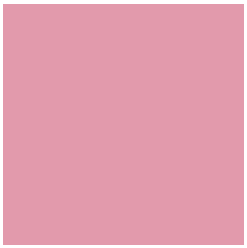
44, 4.983, 0.358

37, 68.084, 25.252

6, 25.297, 10.235

Previews

White Background

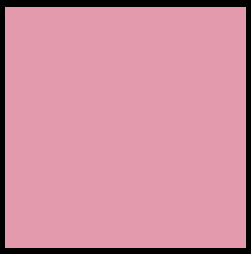


This preview shows how the CIELCh color 71, 29.445, 3.168 looks on a white background.

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



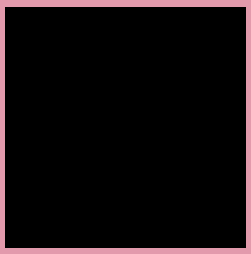
This preview shows how the CIELCh color 71, 29.445, 3.168 looks on a black background.

Color Contrast Check

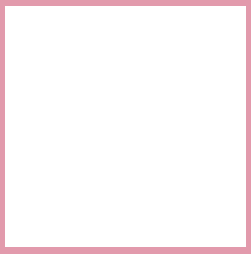
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

CIELCh 71, 29.445, 3.168 Background



This preview shows how black text looks on a background with the CIELCh color 71, 29.445, 3.168.



This preview shows how white text looks on a background with the CIELCh color 71, 29.445, 3.168.

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

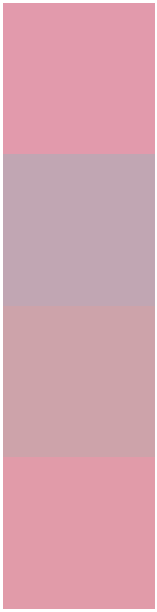
Original Color
71, 29.445, 3.168

Protanopia
71, 5.525, 298.366

Deuteranopia
71, 9.665, 16.999

Tritanopia
71, 28.133, 8.936

Trichromacy



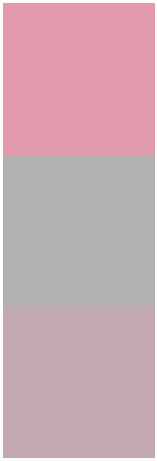
Original Color
71, 29.445, 3.168

Protanomaly
71, 12.438, 345.838

Deuteranomaly
71, 16.709, 7.851

Tritanomaly
71, 28.270, 6.773

Monochromacy



Original Color
71, 29.445, 3.168

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 10.451, 2.182

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 29.445, 3.168 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(226, 154, 172) looks like.

```
.text, #text, p{
    color:rgb(226, 154, 172)
}
```

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(226, 154, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 154, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 29.445, 3.168 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(226, 154, 172) }
```

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

```
.border{ border-color:rgb(226, 154, 172) }
```

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

Here you see how a box with a 4 pixel rgb(226, 154, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 154, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 154, 172); box-shadow:4px 4px 4px 4px rgb(226, 154, 172) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 29.445, 3.168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(226, 154, 172) }
```

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

```
.background{ background-color:rgb(226,
154, 172) }
```

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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