

Converting Colors

CIELCh(71, 28.782, 14.719)

Have a look what the booklet for
CIELCh(71, 28.782, 14.719) contains.

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Color

CIELCh(71, 28.784, 14.715)

Conversions

Conversions Part 1

Format	Color
Hex	E39BA2
RGB	227, 155, 162
RGB Percent	89%, 61%, 64%
CMY	0.1113, 0.3935, 0.3661
CMYK	0.00, 0.32, 0.29, 0.11
HSL	354°, 56%, 75%
HSV	354°, 32%, 89%
XYZ	49.7080, 42.1875, 39.5401
YIQ	177.3260, 40.6650, 17.4410

Conversions

Conversions Part 2

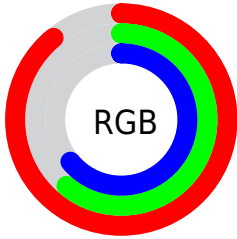
Format	Color
RYB	227, 155, 162
Decimal	14916514
CIELab	71.00, 27.84, 7.31
CIELCh	71, 28.784, 14.715
Yxy	42.1875, 0.3782, 0.3210
Android (android.graphics.Color)	4293106594 (0xFFE39BA2)
YUV	177.3260, -7.5557, 43.5641
Hunter-Lab	64.9519, 22.9409, 9.3730

Details

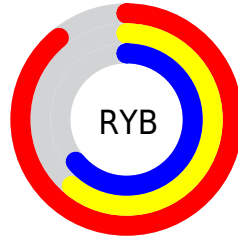
The CIELCh color **71, 28.784, 14.715** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **85, 24.091, 188.928**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 17.017, 8.397**, and **51, 28.795, 15.265** is the 20% darker color. If you saturate the color by 10%, you get **66, 38.854, 16.368**, and if you desaturate by 10%, it is **77, 19.130, 13.402**.

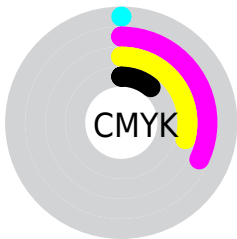
Distribution



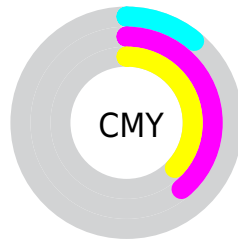
- Red (89%)
- Green (61%)
- Blue (64%)



- Red (89%)
- Yellow (61%)
- Blue (64%)



- Cyan (0%)
- Magenta (32%)
- Yellow (29%)
- Black (11%)



- Cyan (11%)
- Magenta (39%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 28.784, 14.715 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, 28.784, 14.715 by changing the saturation by 10% instead.

71, 28.784, 14.715

71, 28.784, 14.715

100, 28.784,
14.715

61, 28.784, 14.715

91, 28.784, 14.715

51, 28.784, 14.715

41, 28.784, 14.715

31, 28.784, 14.715

21, 28.784, 14.715

11, 28.784, 14.715

1, 28.784, 14.715

0, 28.784, 14.715

71, 28.784, 14.715

71, 28.784, 14.715

66, 38.854, 16.368

77, 19.130, 13.402

60, 49.149, 18.464

83, 10.007, 12.320

56, 59.370, 21.139

89, 1.448, 11.107

52, 69.165, 24.513

95, 6.554, 190.882

50, 78.194, 28.603

98, 9.642, 198.865

48, 86.115, 33.144

47, 91.482, 36.564

Harmonies

Complementary

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



71, 28.784, 14.715



85, 24.091, 188.928

Rectangle

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



71, 28.784, 14.715



71, 28.784, 64.715



71, 28.784, 194.715



71, 28.784, 244.715

Sweetspot

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



71, 28.782, 14.719



93, 9.314, 12.151



72, 44.884, 323.245



49, 6.385, 12.292



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, 28.782, 14.719



75, 38.575, 15.745



78, 23.528, 60.697



44, 4.758, 12.089



36, 75.056, 35.823



6, 25.350, 16.840

Inverse Universe

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



71, 28.782, 14.719



75, 38.575, 15.745



78, 20.342, 248.398



44, 4.758, 12.089



36, 75.056, 35.823



6, 25.350, 16.840

Previews

White Background



This preview shows how the CIELCh color 71, 28.784, 14.715 looks on a white background.

Color Contrast Check

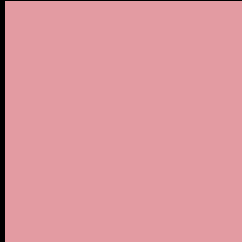
Large Text (above 18pt) WCAG AA × Fail

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, 28.784, 14.715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

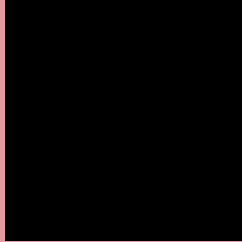
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 28.784, 14.715

Background



This preview shows how black text looks on a background with the CIELCh color 71, 28.784, 14.715.

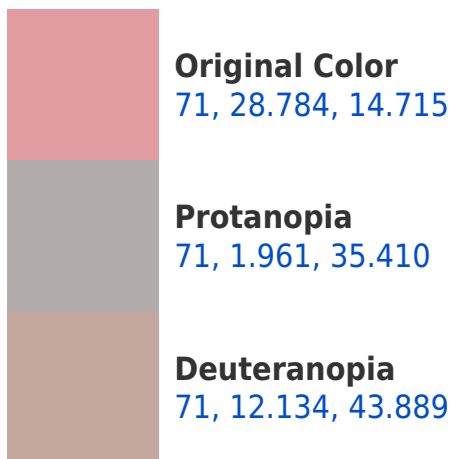


This preview shows how white text looks on a background with the CIELCh color 71, 28.784, 14.715.

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
71, 29.333, 9.633

Trichromacy



Original Color
71, 28.784, 14.715

Protanomaly
71, 11.677, 15.094

Deuteranomaly
71, 17.570, 26.208

Tritanomaly
71, 29.256, 11.727

Monochromacy



Original Color
71, 28.784, 14.715

Achromatopsia
72, 0.009, 296.813

Achromatomaly
71, 10.069, 14.083

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 28.784, 14.715 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(227, 155, 162)` looks like.

```
.text, #text, p{  
    color:rgb(227, 155, 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(227, 155, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 155, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 28.784, 14.715 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(227, 155, 162) }
```

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

```
.border{ border-color:rgb(227, 155, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 155, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 155, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 155, 162);  
box-shadow:4px 4px 4px 4px rgb(227, 155,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 28.784, 14.715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 155, 162) }
```

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

```
.background{ background-color: rgb(227,  
155, 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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