

Converting Colors

CIELCh(71, 14.008, 1.285)

Have a look what the booklet for
CIELCh(71, 14.008, 1.285) contains.

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Color

CIELCh(71, 14.280, 0.729)

Conversions

Conversions Part 1

Format	Color
Hex	C8A5AE
RGB	200, 165, 174
RGB Percent	78%, 65%, 68%
CMY	0.2161, 0.3533, 0.3181
CMYK	0.00, 0.18, 0.13, 0.22
HSL	345°, 24%, 72%
HSV	345°, 18%, 78%
XYZ	44.8550, 42.1875, 45.7683
YIQ	176.4910, 17.9710, 10.2190

Conversions

Conversions Part 2

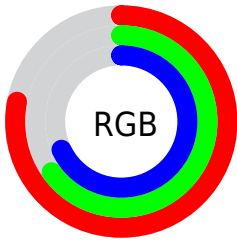
Format	Color
R _Y B	200, 165, 174
Decimal	13149614
CIE Lab	71.00, 14.28, 0.18
CIE LCh	71, 14.280, 0.729
Yxy	42.1875, 0.3377, 0.3177
Android (android.graphics.Color)	4291339694 (0xFFC8A5AE)
YUV	176.4910, -1.2281, 20.6174
Hunter-Lab	64.9519, 9.6041, 3.6877

Details

The CIELCh color **71, 14.280, 0.729** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **78, 13.470, 177.403**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 13.536, 0.321**, and **51, 14.490, 0.156** is the 20% darker color. If you saturate the color by 10%, you get **66, 22.880, 1.995**, and if you desaturate by 10%, it is **76, 5.987, 359.625**.

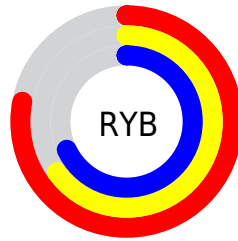
Distribution



Red (78%)

Green (65%)

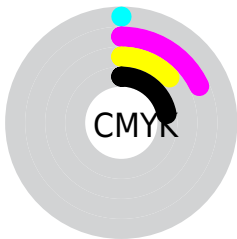
Blue (68%)



Red (78%)

Yellow (65%)

Blue (68%)

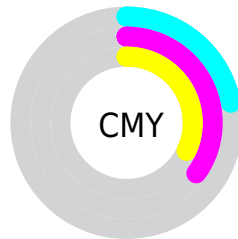


Cyan (0%)

Magenta (18%)

Yellow (13%)

Black (22%)



Cyan (22%)

Magenta (35%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 14.280, 0.729 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, 14.280, 0.729 by changing the saturation by 10% instead.

 71, 14.280, 0.729

 71, 14.280, 0.729

 100, 14.280, 0.729

 61, 14.280, 0.729

 91, 14.280, 0.729

 51, 14.280, 0.729

 41, 14.280, 0.729

 31, 14.280, 0.729

 21, 14.280, 0.729

 11, 14.280, 0.729

 1, 14.280, 0.729

 0, 14.280, 0.729

 71, 14.280, 0.729

 71, 14.280, 0.729

66, 22.880, 1.995

76, 5.987, 359.625

61, 31.674, 3.495

82, 1.936, 179.042

56, 40.459, 5.323

88, 9.475, 178.033

52, 48.942, 7.599

93, 16.637,
177.294

48, 56.756, 10.470

96, 18.790,
187.421

45, 63.551, 14.101

43, 69.140, 18.613

96, 18.135,
198.305

42, 73.698, 23.910

42, 74.844, 25.212

Harmonies

Complementary

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



71, 14.280, 0.729



78, 13.470, 177.403

Rectangle

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



71, 14.280, 0.729



71, 14.280, 50.729



71, 14.280, 180.729



71, 14.280, 230.729

Sweetspot

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



71, 14.278, 0.734



97, 4.834, 359.349



71, 21.328, 317.516



51, 3.303, 359.433



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, 14.278, 0.734



86, 21.036, 1.189



73, 11.422, 42.816



39, 4.524, 359.828



34, 63.987, 24.290



4, 16.359, 6.329

Inverse Universe

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



71, 14.278, 0.734



86, 21.036, 1.189



76, 10.233, 224.353



39, 4.524, 359.828



34, 63.987, 24.290



4, 16.359, 6.329

Previews

White Background



This preview shows how the CIELCh color 71, 14.280, 0.729 looks on a white background.

Color Contrast Check

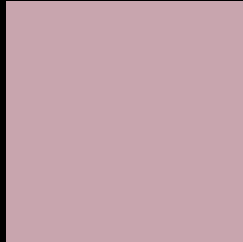
Large Text (above 18pt) WCAG AA × Fail

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, 14.280, 0.729 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, 14.280, 0.729

Background



This preview shows how black text looks on a background with the CIELCh color 71, 14.280, 0.729.



This preview shows how white text looks on a background with the CIELCh color 71, 14.280, 0.729.

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, 14.280, 0.729

Protanopia

71, 3.480, 309.181

Deuteranopia

71, 9.206, 3.033



Tritanopia
71, 15.425, 353.599

Trichromacy



Original Color
71, 14.280, 0.729

Protanomaly
71, 6.847, 346.116

Deuteranomaly
71, 10.845, 2.881

Tritanomaly
71, 15.208, 355.449

Monochromacy



Original Color
71, 14.280, 0.729

Achromatopsia
72, 0.009, 296.813

Achromatomaly
71, 5.197, 1.493

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 71, 14.280, 0.729 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(200, 165, 174)` looks like.

```
.text, #text, p{  
    color:rgb(200, 165, 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(200, 165, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 165, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 14.280, 0.729 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(200, 165, 174) }
```

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

```
.border{ border-color:rgb(200, 165, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 165, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 165, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 165, 174);  
box-shadow:4px 4px 4px 4px rgb(200, 165,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 14.280, 0.729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 165, 174) }
```

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

```
.background{ background-color: rgb(200,  
165, 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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