

Converting Colors

CIELCh(72, 12.991, 74.969)

Have a look what the booklet for
CIELCh(72, 12.991, 74.969) contains.

CIELCh(72, 13.018, 75.719)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(72, 13.018, 75.719)

Conversions

Conversions Part 1

Format	Color
Hex	C0AE9A
RGB	192, 174, 154
RGB Percent	75%, 68%, 60%
CMY	0.2482, 0.3187, 0.3971
CMYK	0.00, 0.09, 0.20, 0.25
HSL	32°, 23%, 68%
HSV	32°, 20%, 75%
XYZ	42.5595, 43.6590, 36.6379
YIQ	177.1020, 17.1480, -2.4040

Conversions

Conversions Part 2

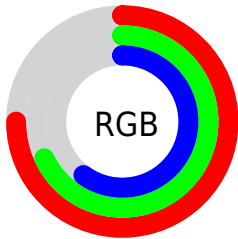
Format	Color
RYB	188, 192, 154
Decimal	12627610
CIELab	72.00, 3.21, 12.62
CIELCh	72, 13.018, 75.719
Yxy	43.6590, 0.3464, 0.3554
Android (android.graphics.Color)	4290817690 (0xFFC0AE9A)
YUV	177.1020, -11.3893, 13.0655
Hunter-Lab	66.0750, -0.6578, 13.3768

Details

The CIELCh color **72, 13.018, 75.719** is a light color, and the websafe version is hex **999999**. A complement of this color would be **69, 12.468, 261.094**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 13.168, 74.639**, and **52, 13.010, 76.762** is the 20% darker color. If you saturate the color by 10%, you get **69, 20.011, 74.452**, and if you desaturate by 10%, it is **75, 6.312, 76.965**.

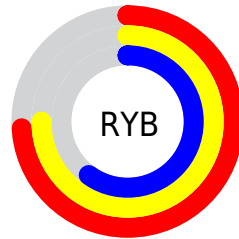
Distribution



Red (75%)

Green (68%)

Blue (60%)



Red (74%)

Yellow (75%)

Blue (60%)

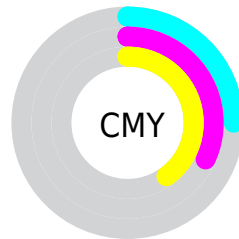


Cyan (0%)

Magenta (9%)

Yellow (20%)

Black (25%)



Cyan (25%)

Magenta (32%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 13.018, 75.719 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, 13.018, 75.719 by changing the saturation by 10% instead.

■ 72, 13.018, 75.719

■ 72, 13.018, 75.719

■ 100, 13.018,
75.719

■ 62, 13.018, 75.719

■ 92, 13.018, 75.719

■ 52, 13.018, 75.719

■ 42, 13.018, 75.719

■ 32, 13.018, 75.719

■ 22, 13.018, 75.719

■ 12, 13.018, 75.719

■ 2, 13.018, 75.719

■ 0, 13.018, 75.719

■ 72, 13.018, 75.719

■ 72, 13.018, 75.719

69, 20.011, 74.452

75, 6.312, 76.965

67, 27.291, 73.151

78, 0.125, 260.939

64, 34.831, 71.826

81, 6.315, 259.503

61, 42.543, 70.463

83, 12.283,
260.635

59, 50.227, 69.016

86, 18.053,
261.740

57, 57.472, 67.374

54, 63.559, 65.322

89, 17.976,
250.165

52, 68.035, 62.754

91, 17.138,
231.186

52, 68.121, 62.710

94, 18.171,
212.626

96, 20.593,
198.150

Harmonies

Complementary

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



72, 13.018, 75.719



69, 12.468, 261.094

Rectangle

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



72, 13.018, 75.719



72, 13.018, 125.719



72, 13.018, 255.719



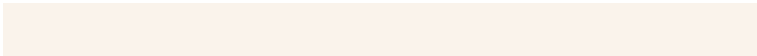
72, 13.018, 305.719

Sweetspot

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



72, 13.019, 75.729



96, 4.747, 77.394



67, 17.648, 346.300



51, 3.153, 77.321



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



72, 13.019, 75.729



90, 19.748, 75.149



77, 20.232, 108.984



39, 3.675, 77.017



44, 59.631, 63.241



7, 11.545, 61.292

Inverse Universe

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



69, 12.468, 261.094



86, 18.699, 261.888



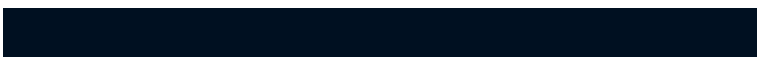
65, 21.173, 292.983



39, 3.610, 259.513



33, 53.293, 286.058



4, 13.186, 271.515

Previews

White Background



This preview shows how the CIELCh color 72, 13.018, 75.719 looks on a white background.

Color Contrast Check

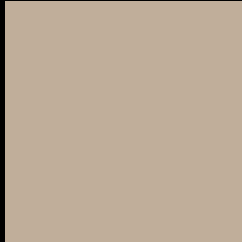
Large Text (above 18pt) WCAG AA × Fail

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, 13.018, 75.719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

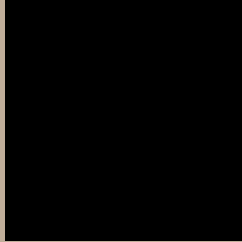
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 13.018, 75.719

Background



This preview shows how black text looks on a background with the CIELCh color 72, 13.018, 75.719.



This preview shows how white text looks on a background with the CIELCh color 72, 13.018, 75.719.

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

72, 13.018, 75.719

Protanopia

72, 11.913, 91.702

Deuteranopia

72, 15.578, 53.872



Tritanopia
72, 11.774, 343.618

Trichromacy



Original Color
72, 13.018, 75.719

Protanomaly
72, 11.836, 85.464

Deuteranomaly
72, 14.265, 60.078

Tritanomaly
72, 8.849, 16.621

Monochromacy



Original Color
72, 13.018, 75.719

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 4.418, 78.516

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 13.018, 75.719 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(192, 174, 154)` looks like.

```
.text, #text, p{  
    color:rgb(192, 174, 154)  
}
```

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(192, 174, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 174, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 13.018, 75.719 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(192, 174, 154) }
```

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

```
.border{ border-color:rgb(192, 174, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 174, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 174, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 174, 154); box-shadow:4px 4px 4px 4px rgb(192, 174, 154) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 13.018, 75.719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 174, 154) }
```

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

```
.background{ background-color: rgb(192,  
174, 154) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor