

Converting Colors

CIELCh(72, 10.681, 66.678)

Have a look what the booklet for
CIELCh(72, 10.681, 66.678) contains.

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Color

CIELCh(72, 10.681, 64.919)

Conversions

Conversions Part 1

Format	Color
Hex	C0AD9F
RGB	192, 173, 159
RGB Percent	75%, 68%, 62%
CMY	0.2466, 0.3211, 0.3760
CMYK	0.00, 0.10, 0.17, 0.25
HSL	25°, 21%, 69%
HSV	25°, 17%, 75%
XYZ	43.0004, 43.6590, 39.0118
YIQ	177.0850, 15.8180, -0.3260

Conversions

Conversions Part 2

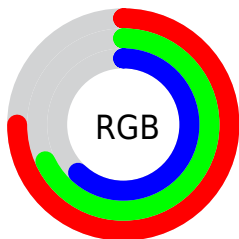
Format	Color
R _Y B	192, 183, 159
Decimal	12627359
CIE Lab	72.00, 4.53, 9.67
CIE LCh	72, 10.681, 64.919
Yxy	43.6590, 0.3422, 0.3474
Android (android.graphics.Color)	4290817439 (0xFFC0AD9F)
YUV	177.0850, -8.9159, 13.0805
Hunter-Lab	66.0750, 0.5333, 11.2466

Details

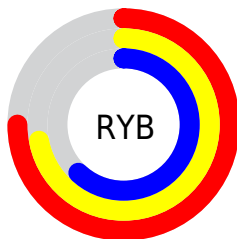
The CIELCh color $72, 10.681, 64.919$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $72, 10.003, 249.011$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 10.620, 62.410$, and $52, 10.470, 65.525$ is the 20% darker color. If you saturate the color by 10%, you get $69, 17.412, 63.883$, and if you desaturate by 10%, it is $75, 4.334, 65.949$.

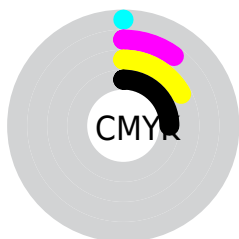
Distribution



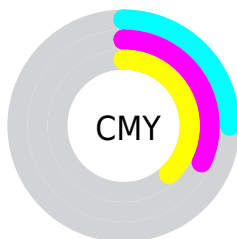
- Red (75%)
- Green (68%)
- Blue (62%)



- Red (75%)
- Yellow (72%)
- Blue (62%)



- Cyan (0%)
- Magenta (10%)
- Yellow (17%)
- Black (25%)



- Cyan (25%)
- Magenta (32%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 10.681, 64.919 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, 10.681, 64.919 by changing the saturation by 10% instead.

■ 72, 10.681, 64.919

■ 72, 10.681, 64.919

■ 100, 10.681,
64.919

■ 62, 10.681, 64.919

■ 92, 10.681, 64.919

■ 52, 10.681, 64.919

■ 42, 10.681, 64.919

■ 32, 10.681, 64.919

■ 22, 10.681, 64.919

■ 12, 10.681, 64.919

■ 2, 10.681, 64.919

■ 0, 10.681, 64.919

■ 72, 10.681, 64.919

■ 72, 10.681, 64.919

69, 17.412, 63.883

75, 4.334, 65.949

66, 24.554, 62.847

79, 1.665, 247.365

62, 32.110, 61.836

82, 7.350, 248.234

59, 40.047, 60.844

86, 12.758,
249.252

57, 48.240, 59.841

89, 17.859,
250.055

54, 56.398, 58.732

92, 17.115,
226.712

51, 63.905, 57.303

49, 69.843, 55.224

95, 19.076,
205.220

48, 71.458, 54.691

96, 20.474,
198.158

Harmonies

Complementary

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



72, 10.681, 64.919



72, 10.003, 249.011

Rectangle

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



72, 10.681, 64.919



72, 10.681, 114.919



72, 10.681, 244.919



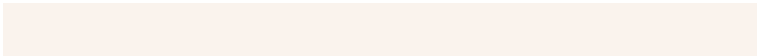
72, 10.681, 294.919

Sweetspot

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



72, 10.681, 64.932



96, 3.712, 66.134



69, 16.332, 340.752



51, 2.538, 66.075



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, 10.681, 64.932



90, 16.366, 64.496



76, 16.199, 104.827



39, 3.469, 65.736



41, 62.343, 55.229



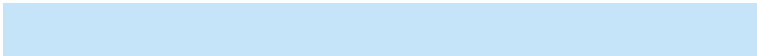
6, 11.495, 50.092

Inverse Universe

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



72, 10.003, 249.011



89, 15.056, 249.638



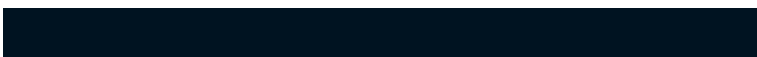
67, 16.726, 288.590



39, 3.356, 247.979



38, 43.428, 275.008



5, 11.817, 262.107

Previews

White Background



This preview shows how the CIELCh color 72, 10.681, 64.919 looks on a white background.

Color Contrast Check

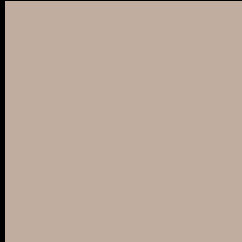
Large Text (above 18pt) WCAG AA × Fail

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, 10.681, 64.919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

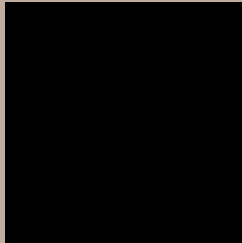
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 10.681, 64.919

Background



This preview shows how black text looks on a background with the CIELCh color 72, 10.681, 64.919.



This preview shows how white text looks on a background with the CIELCh color 72, 10.681, 64.919.

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, 10.681, 64.919

Protanopia

72, 8.565, 90.822

Deuteranopia

72, 13.092, 44.611



Tritanopia
72, 11.774, 343.618

Trichromacy



Original Color
72, 10.681, 64.919

Protanomaly
72, 9.195, 81.471

Deuteranomaly
72, 11.907, 50.036

Tritanomaly
72, 8.947, 9.692

Monochromacy



Original Color
72, 10.681, 64.919

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 3.961, 74.543

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 10.681, 64.919 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, 173, 159)` looks like.

```
.text, #text, p{  
    color:rgb(192, 173, 159)  
}
```

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, 173, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 173, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 10.681, 64.919 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, 173, 159) }
```

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

```
.border{ border-color:rgb(192, 173, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 173, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 173, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 173, 159);  
box-shadow:4px 4px 4px 4px rgb(192, 173,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 10.681, 64.919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 173, 159) }
```

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

```
.background{ background-color: rgb(192,  
173, 159) }
```

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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