

Converting Colors

CIELCh(72, 4.136, 9.498)

Have a look what the booklet for
CIELCh(72, 4.136, 9.498) contains.

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Color

CIELCh(72, 4.204, 12.239)

Conversions

Conversions Part 1

Format	Color
Hex	B9AEAF
RGB	185, 174, 175
RGB Percent	73%, 68%, 69%
CMY	0.2747, 0.3178, 0.3139
CMYK	0.00, 0.06, 0.05, 0.27
HSL	355°, 7%, 70%
HSV	355°, 6%, 73%
XYZ	42.8596, 43.6590, 46.7045
YIQ	177.4030, 6.2350, 2.6430

Conversions

Conversions Part 2

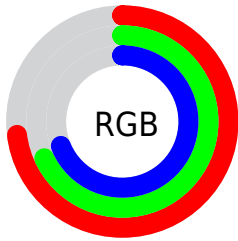
Format	Color
RYB	185, 174, 175
Decimal	12168879
CIELab	72.00, 4.11, 0.89
CIELCh	72, 4.204, 12.239
Yxy	43.6590, 0.3217, 0.3277
Android (android.graphics.Color)	4290358959 (0xFFB9AEAF)
YUV	177.4030, -1.1847, 6.6626
Hunter-Lab	66.0750, 0.1531, 4.3439

Details

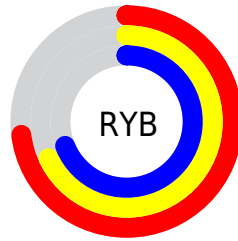
The CIELCh color $72, 4.204, 12.239$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $74, 4.074, 191.592$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 4.346, 12.757$, and $52, 4.091, 11.652$ is the 20% darker color. If you saturate the color by 10%, you get $67, 11.650, 13.251$, and if you desaturate by 10%, it is $77, 2.767, 191.808$.

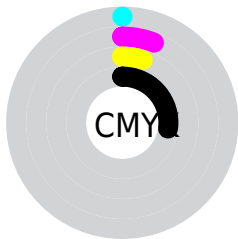
Distribution



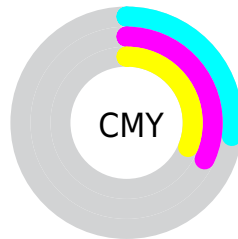
- Red (73%)
- Green (68%)
- Blue (69%)



- Red (73%)
- Yellow (68%)
- Blue (69%)



- Cyan (0%)
- Magenta (6%)
- Yellow (5%)
- Black (27%)



- Cyan (27%)
- Magenta (32%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 4.204, 12.239 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, 4.204, 12.239 by changing the saturation by 10% instead.

■ 72, 4.204, 12.239

■ 72, 4.204, 12.239

■ 100, 4.204, 12.239

■ 62, 4.204, 12.239

■ 92, 4.204, 12.239

■ 52, 4.204, 12.239

■ 42, 4.204, 12.239

■ 32, 4.204, 12.239

■ 22, 4.204, 12.239

■ 12, 4.204, 12.239

■ 2, 4.204, 12.239

■ 0, 4.204, 12.239

■ 72, 4.204, 12.239

■ 72, 4.204, 12.239

67, 11.650, 13.251

77, 2.767, 191.808

62, 19.570, 14.389

83, 9.281, 191.043

57, 27.916, 15.793

88, 15.374,
190.478

52, 36.574, 17.561

93, 21.087,
190.000

48, 45.351, 19.810

45, 53.984, 22.667

96, 22.570,
198.026

42, 62.176, 26.224

40, 69.648, 30.420

39, 76.046, 34.829

Harmonies

Complementary

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



72, 4.204, 12.239



74, 4.074, 191.592

Rectangle

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



72, 4.204, 12.239



72, 4.204, 62.239



72, 4.204, 192.239



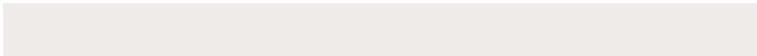
72, 4.204, 242.239

Sweetspot

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



72, 4.202, 12.260



93, 1.724, 11.711



72, 7.058, 321.968



50, 0.979, 11.683



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



72, 4.202, 12.260



90, 6.132, 12.378



73, 3.436, 63.177



37, 3.200, 12.413



32, 68.449, 35.714



2, 10.701, 13.907

Inverse Universe

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



72, 4.202, 12.260



90, 6.132, 12.378



73, 3.365, 244.651



37, 3.200, 12.413



32, 68.449, 35.714



2, 10.701, 13.907

Previews

White Background



This preview shows how the CIELCh color 72, 4.204, 12.239 looks on a white background.

Color Contrast Check

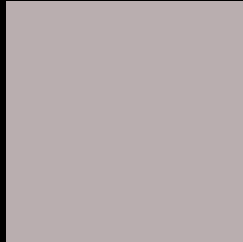
Large Text (above 18pt) WCAG AA × Fail

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, 4.204, 12.239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

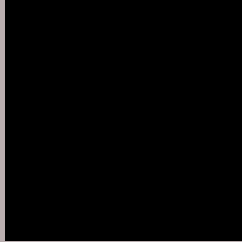
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 4.204, 12.239

Background



This preview shows how black text looks on a background with the CIELCh color 72, 4.204, 12.239.



This preview shows how white text looks on a background with the CIELCh color 72, 4.204, 12.239.

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, 4.204, 12.239

Protanopia

72, 1.504, 19.199

Deuteranopia

72, 9.175, 3.014



Tritanopia
72, 9.482, 326.706

Trichromacy



Original Color
72, 4.204, 12.239

Protanomaly
72, 2.699, 7.847

Deuteranomaly
72, 7.546, 3.320

Tritanomaly
72, 6.931, 335.025

Monochromacy



Original Color
72, 4.204, 12.239

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 1.504, 19.199

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 4.204, 12.239 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(185, 174, 175)` looks like.

```
.text, #text, p{  
    color:rgb(185, 174, 175)  
}
```

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(185, 174, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 174, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 4.204, 12.239 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(185, 174, 175) }
```

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

```
.border{ border-color:rgb(185, 174, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 174, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 174, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 174, 175);  
box-shadow:4px 4px 4px 4px rgb(185, 174,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 4.204, 12.239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 174, 175) }
```

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

```
.background{ background-color: rgb(185,  
174, 175) }
```

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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