

Converting Colors

CIELCh(72, 4.953, 55.113)

Have a look what the booklet for
CIELCh(72, 4.953, 55.113) contains.

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Color

CIELCh(72, 5.014, 59.959)

Conversions

Conversions Part 1

Format	Color
Hex	B9AFA9
RGB	185, 175, 169
RGB Percent	73%, 69%, 66%
CMY	0.2758, 0.3150, 0.3385
CMYK	0.00, 0.05, 0.09, 0.28
HSL	23°, 10%, 69%
HSV	23°, 9%, 72%
XYZ	42.3259, 43.6590, 43.5731
YIQ	177.3060, 7.8860, 0.2540

Conversions

Conversions Part 2

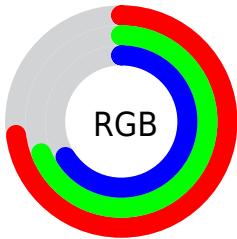
Format	Color
RYB	185, 179, 169
Decimal	12169129
CIELab	72.00, 2.51, 4.34
CIELCh	72, 5.014, 59.959
Yxy	43.6590, 0.3267, 0.3370
Android (android.graphics.Color)	4290359209 (0xFFB9AFA9)
YUV	177.3060, -4.0949, 6.7476
Hunter-Lab	66.0750, -1.2888, 7.1537

Details

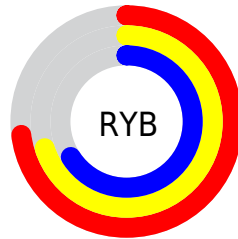
The CIELCh color $72, 5.014, 59.959$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $72, 4.834, 241.846$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 5.094, 64.471$, and $52, 5.068, 62.721$ is the 20% darker color. If you saturate the color by 10%, you get $69, 11.167, 59.119$, and if you desaturate by 10%, it is $75, 0.757, 241.577$.

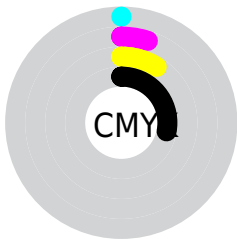
Distribution



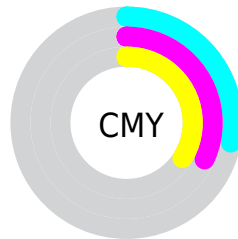
- Red (73%)
- Green (69%)
- Blue (66%)



- Red (73%)
- Yellow (70%)
- Blue (66%)



- Cyan (0%)
- Magenta (5%)
- Yellow (9%)
- Black (28%)



- Cyan (28%)
- Magenta (32%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 5.014, 59.959 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, 5.014, 59.959 by changing the saturation by 10% instead.

■ 72, 5.014, 59.959

■ 72, 5.014, 59.959

■ 100, 5.014, 59.959

■ 62, 5.014, 59.959

■ 92, 5.014, 59.959

■ 52, 5.014, 59.959

■ 42, 5.014, 59.959

■ 32, 5.014, 59.959

■ 22, 5.014, 59.959

■ 12, 5.014, 59.959

■ 2, 5.014, 59.959

■ 0, 5.014, 59.959

■ 72, 5.014, 59.959

■ 72, 5.014, 59.959

69, 11.167, 59.119

75, 0.757, 241.577

65, 17.740, 58.255

79, 6.187, 242.013

62, 24.763, 57.431

83, 11.315,
242.916

59, 32.244, 56.662

86, 16.177,
243.826

56, 40.150, 55.948

53, 48.362, 55.254

90, 18.963,
237.237

50, 56.582, 54.480

93, 19.702,
215.304

48, 64.168, 53.377

45, 70.347, 51.716

96, 22.653,
198.021

Harmonies

Complementary

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



72, 5.014, 59.959



72, 4.834, 241.846

Rectangle

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



72, 5.014, 59.959



72, 5.014, 109.959



72, 5.014, 239.959



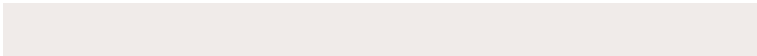
72, 5.014, 289.959

Sweetspot

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



72, 5.014, 59.984



93, 2.105, 60.342



71, 8.197, 337.696



49, 1.600, 60.320



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, 5.014, 59.984



90, 7.192, 59.859



74, 7.508, 103.200



37, 3.272, 59.929



38, 62.434, 52.063



4, 8.759, 48.396

Inverse Universe

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



72, 4.834, 241.846



91, 6.882, 242.003



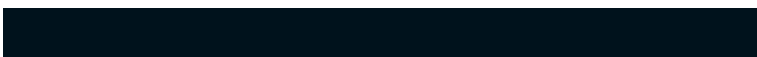
70, 7.618, 285.113



37, 3.144, 241.915



40, 38.397, 268.037



5, 9.131, 254.989

Previews

White Background



This preview shows how the CIELCh color 72, 5.014, 59.959 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, 5.014, 59.959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

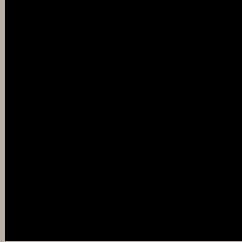
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 5.014, 59.959

Background



This preview shows how black text looks on a background with the CIELCh color 72, 5.014, 59.959.



This preview shows how white text looks on a background with the CIELCh color 72, 5.014, 59.959.

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, 5.014, 59.959

Protanopia

72, 4.234, 82.981

Deuteranopia

72, 9.740, 26.544



Tritanopia
72, 9.482, 326.706

Trichromacy



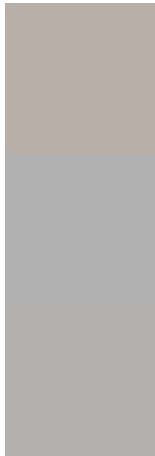
Original Color
72, 5.014, 59.959

Protanomaly
72, 4.418, 78.516

Deuteranomaly
72, 7.885, 31.855

Tritanomaly
72, 6.215, 342.128

Monochromacy



Original Color
72, 5.014, 59.959

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 1.846, 55.193

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 5.014, 59.959 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, 175, 169)` looks like.

```
.text, #text, p{  
    color:rgb(185, 175, 169)  
}
```

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, 175, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 175, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 5.014, 59.959 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, 175, 169) }
```

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

```
.border{ border-color:rgb(185, 175, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 175, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 175, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 175, 169);  
box-shadow:4px 4px 4px 4px rgb(185, 175,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 5.014, 59.959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 175, 169) }
```

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

```
.background{ background-color: rgb(185,  
175, 169) }
```

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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