

Converting Colors

CIELCh(72, 3.992, 324.563)

Have a look what the booklet for
CIELCh(72, 3.992, 324.563) contains.

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Color

CIELCh(72, 3.984, 324.561)

Conversions

Conversions Part 1

Format	Color
Hex	B5AFB5
RGB	181, 175, 181
RGB Percent	71%, 69%, 71%
CMY	0.2913, 0.3149, 0.2913
CMYK	0.00, 0.03, 0.00, 0.29
HSL	300°, 4%, 70%
HSV	300°, 3%, 71%
XYZ	42.5710, 43.6590, 49.7418
YIQ	177.4780, 1.6500, 3.1380

Conversions

Conversions Part 2

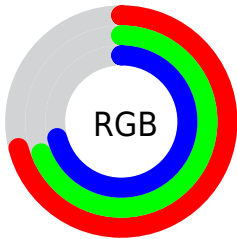
Format	Color
RYB	181, 175, 181
Decimal	11906997
CIELab	72.00, 3.25, -2.31
CIElCh	72, 3.984, 324.561
Yxy	43.6590, 0.3131, 0.3211
Android (android.graphics.Color)	4290097077 (0xFFB5AFB5)
YUV	177.4780, 1.7363, 3.0888
Hunter-Lab	66.0750, -0.6265, 1.6185

Details

The CIELCh color $72, 3.984, 324.561$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $73, 3.966, 144.318$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 3.787, 324.504$, and $52, 3.538, 324.595$ is the 20% darker color. If you saturate the color by 10%, you get $67, 16.067, 325.148$, and if you desaturate by 10%, it is $77, 7.918, 144.116$.

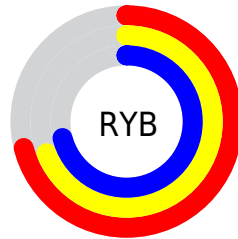
Distribution



Red (71%)

Green (69%)

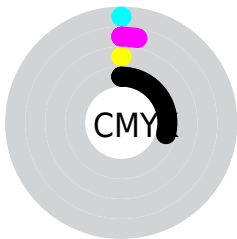
Blue (71%)



Red (71%)

Yellow (69%)

Blue (71%)

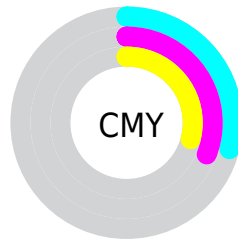


Cyan (0%)

Magenta (3%)

Yellow (0%)

Black (29%)



Cyan (29%)

Magenta (31%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 3.984, 324.561 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, 3.984, 324.561 by changing the saturation by 10% instead.

■ 72, 3.984, 324.561

■ 72, 3.984, 324.561

■ 100, 3.984,
324.561

■ 62, 3.984, 324.561

■ 92, 3.984, 324.561

■ 52, 3.984, 324.561

■ 42, 3.984, 324.561

■ 32, 3.984, 324.561

■ 22, 3.984, 324.561

■ 12, 3.984, 324.561

■ 2, 3.984, 324.561

■ 0, 3.984, 324.561

■ 72, 3.984, 324.561

■ 72, 3.984, 324.561

67, 16.067,
325.148

77, 7.918, 144.116

63, 28.193,
325.693

82, 19.544,
143.579

59, 40.147,
326.218

87, 30.844,
143.074

55, 51.631,
326.711

92, 41.796,
142.597

51, 62.262,
327.157

94, 46.534,
142.394

48, 71.593,
327.538

94, 46.534,
142.394

46, 79.176,
327.841

94, 46.534,
142.393

44, 84.659,
328.055

94, 46.534,
142.393

43, 87.915,

94, 46.534,
142.393

Harmonies

Complementary

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



72, 3.984, 324.561



73, 3.966, 144.318

Rectangle

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



72, 3.984, 324.561



72, 3.984, 14.561



72, 3.984, 144.561



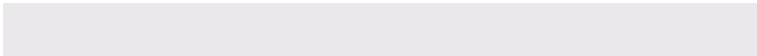
72, 3.984, 194.561

Sweetspot

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



72, 3.982, 324.561



92, 1.488, 324.301



72, 3.219, 289.855



49, 0.845, 324.288



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



72, 3.982, 324.561



91, 5.937, 324.612



72, 2.828, 342.897



37, 3.366, 324.650



36, 78.927, 328.232



3, 16.262, 324.438

Inverse Universe

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



72, 2.261, 19.375



90, 3.380, 19.463



73, 2.806, 162.633



36, 1.920, 19.523



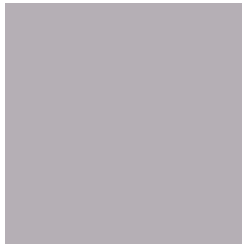
31, 70.930, 39.525



2, 9.156, 19.404

Previews

White Background



This preview shows how the CIELCh color 72, 3.984, 324.561 looks on a white background.

Color Contrast Check

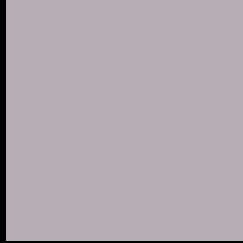
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 72, 3.984, 324.561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

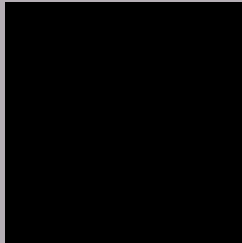
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

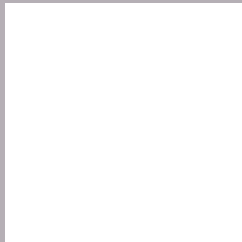
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 3.984, 324.561

Background



This preview shows how black text looks on a background with the CIELCh color 72, 3.984, 324.561.

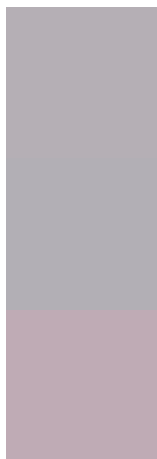


This preview shows how white text looks on a background with the CIELCh color 72, 3.984, 324.561.

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, 3.984, 324.561

Protanopia

72, 3.473, 309.179

Deuteranopia

72, 9.305, 344.482



Tritanopia
72, 7.707, 313.260

Trichromacy



Original Color

72, 3.984, 324.561

Protanomaly

72, 3.613, 314.760

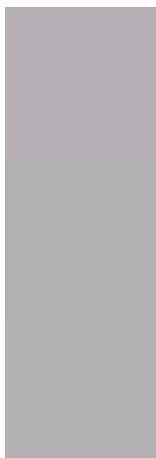
Deuteranomaly

72, 7.487, 339.183

Tritanomaly

72, 6.718, 316.811

Monochromacy



Original Color

72, 3.984, 324.561

Achromatopsia

72, 0.009, 296.813

Achromatomaly

72, 1.335, 324.326

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 3.984, 324.561 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(181, 175, 181)` looks like.

```
.text, #text, p{  
    color:rgb(181, 175, 181)  
}
```

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(181, 175, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 175, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 3.984, 324.561 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(181, 175, 181) }
```

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

```
.border{ border-color:rgb(181, 175, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 175, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 175, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 175, 181);  
box-shadow:4px 4px 4px 4px rgb(181, 175,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 3.984, 324.561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 175, 181) }
```

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

```
.background{ background-color: rgb(181,  
175, 181) }
```

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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