

Converting Colors

CIELCh(72, 4.675, 295.556)

Have a look what the booklet for
CIELCh(72, 4.675, 295.556) contains.

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Color

CIELCh(72, 4.381, 295.427)

Conversions

Conversions Part 1

Format	Color
Hex	B1B0B8
RGB	177, 176, 184
RGB Percent	69%, 69%, 72%
CMY	0.3073, 0.3112, 0.2799
CMYK	0.04, 0.04, 0.00, 0.28
HSL	247°, 5%, 70%
HSV	247°, 4%, 72%
XYZ	42.1170, 43.6590, 51.3541
YIQ	177.2110, -1.9720, 2.7000

Conversions

Conversions Part 2

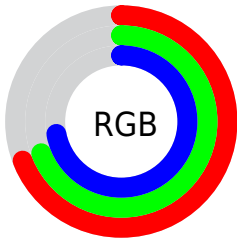
Format	Color
R_{YB}	177, 176, 184
Decimal	11645112
CIE Lab	72.00, 1.88, -3.96
CIE LCh	72, 4.381, 295.427
Yxy	43.6590, 0.3071, 0.3184
Android (android.graphics.Color)	4289835192 (0xFFB1B0B8)
YUV	177.2110, 3.3470, -0.1850
Hunter-Lab	66.0750, -1.8531, 0.1718

Details

The CIELCh color $72, 4.381, 295.427$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $74, 4.323, 114.737$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 4.163, 295.352$, and $52, 4.066, 290.700$ is the 20% darker color. If you saturate the color by 10%, you get $66, 14.705, 296.284$, and if you desaturate by 10%, it is $78, 5.553, 114.661$.

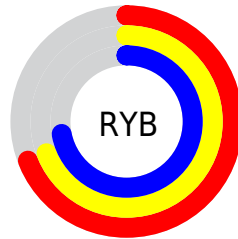
Distribution



Red (69%)

Green (69%)

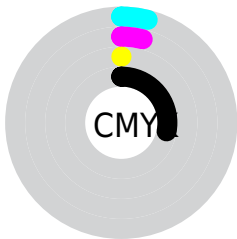
Blue (72%)



Red (69%)

Yellow (69%)

Blue (72%)

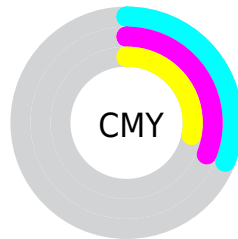


Cyan (4%)

Magenta (4%)

Yellow (0%)

Black (28%)



Cyan (31%)

Magenta (31%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 4.381, 295.427 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, 4.381, 295.427 by changing the saturation by 10% instead.

■ 72, 4.381, 295.427

■ 72, 4.381, 295.427

100, 4.381,
295.427

■ 62, 4.381, 295.427

■ 92, 4.381, 295.427

■ 52, 4.381, 295.427

■ 42, 4.381, 295.427

■ 32, 4.381, 295.427

■ 22, 4.381, 295.427

■ 12, 4.381, 295.427

■ 2, 4.381, 295.427

■ 0, 4.381, 295.427

■ 72, 4.381, 295.427

■ 72, 4.381, 295.427

66, 14.705,
296.284

78, 5.553, 114.661

60, 25.448,
297.297

84, 15.118,
114.021

54, 36.623,
298.465

90, 24.340,
113.472

48, 48.215,
299.796

96, 33.244,
112.999

42, 60.143,
301.272

99, 35.856,
107.445

36, 72.163,
302.838

31, 83.722,
304.368

27, 93.779,
305.651

24, 100.882,

Harmonies

Complementary

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



72, 4.381, 295.427



74, 4.323, 114.737

Rectangle

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



72, 4.381, 295.427



72, 4.381, 345.427



72, 4.381, 115.427



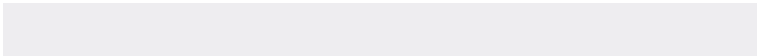
72, 4.381, 165.427

Sweetspot

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



72, 4.379, 295.415



94, 1.250, 295.164



74, 2.636, 210.451



50, 0.710, 295.161



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, 4.379, 295.415



91, 6.253, 295.474



72, 4.744, 313.183



37, 3.426, 295.516



18, 91.743, 306.803



1, 15.429, 293.903

Inverse Universe

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



73, 4.859, 328.229



92, 6.933, 328.279



74, 4.708, 132.891



37, 3.796, 328.314



36, 72.547, 333.825



3, 16.572, 330.110

Previews

White Background



This preview shows how the CIELCh color 72, 4.381, 295.427 looks on a white background.

Color Contrast Check

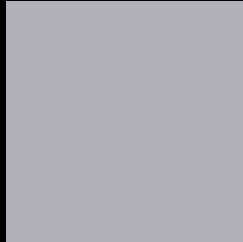
Large Text (above 18pt) WCAG AA × Fail

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, 4.381, 295.427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

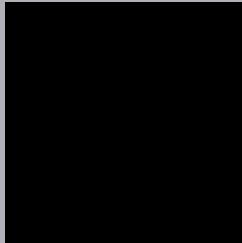
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

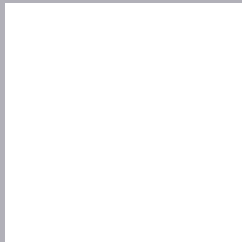
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 4.381, 295.427

Background



This preview shows how black text looks on a background with the CIELCh color 72, 4.381, 295.427.

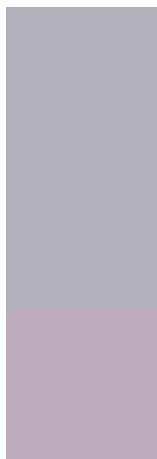


This preview shows how white text looks on a background with the CIELCh color 72, 4.381, 295.427.

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, 4.381, 295.427

Protanopia

72, 4.437, 300.174

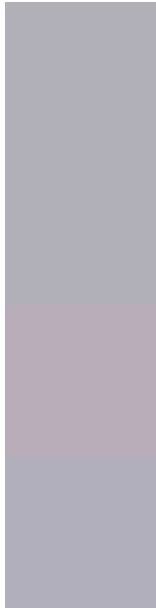
Deuteranopia

72, 10.440, 333.462



Tritanopia
72, 7.678, 296.355

Trichromacy



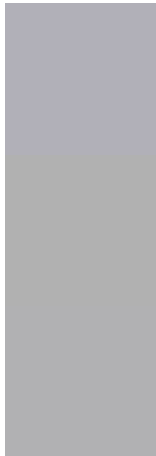
Original Color
72, 4.381, 295.427

Protanomaly
72, 4.437, 300.174

Deuteranomaly
72, 7.947, 324.763

Tritanomaly
72, 6.594, 297.177

Monochromacy



Original Color
72, 4.381, 295.427

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 1.095, 290.338

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 4.381, 295.427 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(177, 176, 184)` looks like.

```
.text, #text, p{  
    color:rgb(177, 176, 184)  
}
```

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(177, 176, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 176, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 4.381, 295.427 is called "border". The border property can be set on classes, ids or directly on the HTML element.

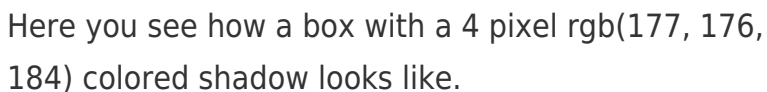
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 176, 184) }
```

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

```
.border{ border-color:rgb(177, 176, 184) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 176, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 176, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 176, 184); box-shadow:4px 4px 4px 4px rgb(177, 176, 184) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 4.381, 295.427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 176, 184) }
```

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

```
.background{ background-color: rgb(177,  
176, 184) }
```

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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